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# CONSOLIDATED TRANSLATION SURVEY

Number 147

Through 31 March 1970

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Washington, D.C. 20505

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CONSOLIDATED TRANSLATION SURVEY

FOR MARCH 1970

TABLE OF CONTENTS

	<u>Page</u>
Preface	iii
Request for Copies	iv
USSR	
Economic	1
Political	3
Military	5
Geographic	7
Sociological	7
Biographic	8
Eastern Europe	
Economic	8
Political	11
Military	12
Sociological	12
Western Europe	
Economic	13
Political	13
Military	14
Sociological	15
Africa	
Economic	15
Political	16
Military	17
Sociological	17
Middle East	
Economic	17
Political	17
Military	18
Sociological	18
Far East	
Economic	18
Political	19
Military	20
Sociological	20

	<u>Page</u>
Latin America	
Economic	21
Political	21
Military	23
Geographic	23
Sociological	23
Scientific	
Aeronautics	24
Agriculture	26
Astronomy & Astrophysics	29
Atmospheric Sciences	29
Behavioral & Social Sciences	32
Biological & Medical Sciences	32
Chemistry	45
Earth Sciences & Oceanography	60
Electronics & Electrical Engineering	66
Energy Conversion (Non-Propulsive)	69
Materials	70
Mathematical Sciences	93
Mechanical, Industrial, Civil & Marine Engineering	94
Methods & Equipment	100
Missile Technology	104
Navigation, Communications, Detection & Countermeasures	104
Nuclear Science & Technology	105
Physics	106
Propulsion & Fuels	116
Space Technology	118
Miscellaneous	118
Information Received on Cover-to-Cover Translations	120
Index to Authors	194



## CONSOLIDATED TRANSLATION SURVEY

### PREFACE

This survey is prepared monthly from lists received through the cooperation of US government agencies and includes universities, research institutions, and commercial translation organizations. It is a compilation of projects completed or started during the preceding month.

Translations are listed by area and subject category. Scientific projects are grouped as a section regardless of geographic area. Title in English, author, foreign language title of source of material, date of publication, and publication identifications of the completed project are given when available. Tables of contents of journals translated cover-to-cover are reproduced from the current publications.

Projects in process, i.e., not completed as of the date of this survey, are noted with an asterisk (\*), and when available, a project-control or "in-process" number is noted in parentheses following the title. Certain details may be unavailable on such projects. New projects in process are not listed again until they are completed.

An index to authors of items in this issue is provided at the end of the survey.

Scientific and technical translations are grouped according to the COSATI subject category list except for military science and ordnance items which are listed under "military" in the appropriate geographic areas.

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AEC NSI

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Washington, D. C. USA 20036

AIP

American Institute of Physics  
335 East 45th Street  
New York, New York 10017

Amer Math Soc

American Mathematical Society  
P. O. Box 6248  
Providence, Rhode Island, USA 02904

ANL - Argonne National Laboratory, Illinois  
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APL/JHU

Applied Physics Laboratory  
The Johns Hopkins University  
8621 Georgia Avenue  
Silver Spring, Maryland 20910

ATS

Associated Technical Services, Incorporated  
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BCF - Bureau of Commercial Fisheries  
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BISI

British Iron and Steel Industry Translation Service  
The Iron and Steel Institute  
4 Grosvenor Gardens  
London, S.W. 1, England

CB - Consultants Bureau  
(see Plenum Press)

CIGB

Central Library  
Central Electricity Generation Board  
Room 601, Sudbury House  
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CESTI

Clearinghouse for Federal Scientific and Technical  
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Defense Documentation Center  
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European Translations Centre  
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FP

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National Bureau of Standards  
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ORNL - Oak Ridge National Laboratory  
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SIC

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SLAC - Stanford Linear Accelerator Center  
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Survey of China Mainland Press

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American Consulate General  
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UCRL - (see AEC)

University of California  
Lawrence Radiation Laboratory  
Livermore, California

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Economic

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NASA TT-F-12,714

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JPRS 49836

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Military

Pre-Induction Handbook.  
RUSSIAN, bk, 1967, pp 29-34, 55-69, 70-73, 93-137, 147-252, 291-324, 356-476.  
DIA/LN 1253-69

Civil Defense--A National Concern, by V. A. Belavskiy  
RUSSIAN, bk, Grazhdanskaya Oborona--Vsenarodnoye Delo, 1968, pp 1-33.  
\*FSTC/HT-23-847-70  
\*ACSI J-8044  
ID 2218430869

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Civil Defense Training in Uzbek Republic Discussed, by N. Koz'min, 8 pp.  
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	Pag.
DANUTA HOLOWIECKA and DANUTA ROGALA: Studies on the Effect of <i>Corynebacterium Diphtheriae</i> and <i>Corynebacterium Pseudodiphtheriae</i> on Fetal Guinea Pig Cell Cultures . . . . .	703
DANUTA HOLOWIECKA and DANUTA ROGALA: Studies on the Cytotoxic Effect of <i>Corynebacterium Diphtheriae</i> on Fetal Guinea Pig Cell Cultures . . . . .	712
JADWIGA MARESZ-BARCZYŹYŹYŹ, YVES HAMOND and YVONNE PÉRON: Biologic Properties of Lethal Factors Produced by <i>Enterobacter Aerogenes</i> . . . . .	718
MARIA LOBODZIŹSKA, ALICJA GILAKOWSKA and ZOFIA SKURSKA: Studies on Asiatic Influenza Viruses. VI. Influence of Factors Inactivating A <sub>1</sub> Viruses on the Ability of Inducing-Interferon <i>in vivo</i> . . . . .	731
HALINA MORDARSKA and MARIAN MORDARSKI: Comparative Studies on the Occurrence of Lipid A, Diaminopimelic Acid and Arabinose in <i>Nocardia</i> Cells . . . . .	739
JERZY WÓJCICKI: Electrophoretic Separation of Bacterial RNA on Polyacrylamide Gel . . . . .	744
PRABODH K. SHRIVASTAVA: Molecular Heterogeneity of Human Serum Albumin . . . . .	747
ZBIGNIEW WIECZOREK: Suppression of Delayed Hypersensitivity in Rabbits by Means of Immune Sera . . . . .	751
ZBIGNIEW WIECZOREK: The Influence of Streptomycin on Immunologic Response in Rabbits Sensitized to Heterologous Antigen . . . . .	763
ZBIGNIEW WIECZOREK: Production of Circulating Antibodies and Development of Delayed Hypersensitivity in Rabbits Infected with <i>Mycobacterium Avium</i> . . . . .	770
ZBIGNIEW WIECZOREK and JERZY KOTZ: The Role of Delayed Hypersensitivity and Circulating Antibodies in Rabbits Infected with <i>Mycobacterium Avium</i> . . . . .	779
ELŻBIETA WOLNA, MARIAN WOLNY and ANNA D. INGLOT: Inhibition of Some Enzymes by Nonsteroid Anti-Inflammatory Compounds at High Temperature . . . . .	795
JADWIGA KUSKA: Secretion of $\gamma$ -Glutamyl Transpeptidase (GGTP) in Experimental Cholestasis . . . . .	806
JERZY SZACKI and MAREK ŁAWIŹSKI: $\gamma$ -Glutamyl Transpeptidase Activity in the Liver of Castrated and Uncastrated Female Rats Treated with Stilbestrol . . . . .	817
JERZY SZACKI and MAREK ŁAWIŹSKI: The Influence of Castration and Administration of Stilbestrol on the $\gamma$ -Glutamyl Transpeptidase Activity in the Liver of Male Rats . . . . .	823
JAN S. PYREK, MARIAN MORDARSKI and ALEKSANDER ZAMOJSKI: Identification of Antibiotic Wr 141 . . . . .	827
MARIAN WILIMOWSKI, KRYSZYNA ORZECZOWSKA, JÓZEŹ PRANDOTA and JADWIGA BARCZYŹSKA: Comparative Quantitative Studies on Cholinolytic Drugs. II. The Action of Scopolamine, Methyscopolamine and Butylscopolamine . . . . .	833

Available from CFSTI TT 69-50006/6



# SOVIET AUTOMATIC CONTROL

— Ukrainian Journal of Automation

1969

NUMBER 3

## CONTENTS

Page

### DYNAMIC SYSTEMS

- L. L. Voznyuk and V. I. Ivanenko: Transformation of Observation Space in the Statistical Synthesis of Nonlinear Closed-Loop Systems with Several Controllers . . . . . 1
- V. S. Nedavnyy, V. V. Shervashydze and V. I. Korzhov: Stability of Relay Control Systems with Dead Zone . . . . . 7

### EXTREMAL, OPTIMAL, ADAPTIVE, AND SELF-ADJUSTING SYSTEMS

- V. D. Kudryts'kyy: Optimal Extrapolation of Multidimensional Random Processes . . . . . 10

### INFORMATION AND INTERPOLATION SYSTEMS

- V. I. Vasylyev and V. Yu. Reuts'kyy: Effect of Previous Input Signal History on the Recognition of Moving or Variable Objects . . . . . 14
- A. G. Ivakhnenko and V. D. Dmitrov: Stochastic Algorithms and the Group Method of Data Handling in Prediction of Random Events . . . . . 20
- V. G. Lapa: Adaptive Predicting Filters . . . . . 34
- N. K. Miloslavskaya and S. T. Polyakov: Minsk-1 Digital Computer Simulation of an Algorithm for Handwritten Character Recognition . . . . . 42

### BIONICS AND HEURISTIC PROGRAMMING

- O. I. Polovynkin: Recommendations for Compiling Algorithms for Computer Solution of Design and Invention Problems . . . . . 46

### NEW ELEMENTS AND DEVICES FOR AUTOMATION

- Yu. P. Sobornikov: Adaptive Threshold Elements and Plastic Quasineurons Using Parametric Subharmonic Oscillators . . . . . 58

### AUTOMATA AND DIGITAL COMPUTERS

- Ye. M. Vavilov and V. G. Totsenko: A Method for Checking Discrete Automata . . . . . 63  
(Contd)

Available from Scripta Electronica, Inc.

REVIEWS AND CORRESPONDENCE

Remarks on V.N. Stepanenko's Paper, "Adaptive Algorithms for Statistical Control" . . . . .	68
Author's Reply to K.O. Larionov's Remarks on V.N. Stepanenko's Paper, "Adaptive Algorithms for Statistical Control" . . . . .	69

EDITOR'S NOTE

With the exception of certain trigonometric and hyperbolic functions, Soviet mathematical symbols are the same as those encountered in the American literature. For the reader's convenience a list of such exceptions and their American equivalents is given below.

<u>Soviet Usage</u>	<u>American equivalent</u>
Arch	$\cosh^{-1}$
Arcth	$\coth^{-1}$ (ctnh <sup>-1</sup> )
Arsh	$\sinh^{-1}$
Arth	$\tanh^{-1}$
arccos	$\cos^{-1}$ (arc cos)
arctg	$\cot^{-1}$ (arc cot)
arcsin	$\sin^{-1}$ (arc sin)
arctg	$\tan^{-1}$ (arc tan)
ch	cosh
cosec	csc
ctg	cot (ctn)
cth	coth (ctnh)
rot	curl
sch	sech
sh	sinh
tg	tan
th	tanh

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## CONTENTS

	Engl./Russ.
Ribosome Proteins of Chloroplasts and Cytoplasm, as Investigated by Polyacrylamide-Gel Electrophoresis - M. S. Odintsova and N. P. Yurina . . . . .	533 667
Dynamics of Peroxidase Components from Corn Leaves Infected with Smut - B. A. Rubin and E. N. Lushchinskaya . . . . .	539 674
Purification of Polyhedron Protein of the Silkworm Nuclear Polyhedrosis Virus and Investigation of Its Association - Dissociation Processes in Solutions - E. A. Kozlov, V. M. Sogulyaeva, T. L. Levitina, V. Sereshak, and S. V. Serebraynyi . . . . .	543 679
Characteristics of the Internal Proteins of Bacteriophages T2 and DDVI - N. K. Kokurina, N. A. Braude, and T. I. Tikhonenko . . . . .	549 686
Accumulation of Lipid Peroxides in the Organs of Tumor-Bearing Animals in Vivo - E. A. Neifakh and V. E. Kagan . . . . .	554 692
Properties of Substrates of the Aldolase Reaction and Searches for Models of Aldolase - I. V. Mel'nichenko, N. Ya. Kozlova, and A. A. Yasnikov . . . . .	559 699
A Simple Procedure of Quantitative Chromatographic Analysis on the Ultramicro Scale - S. V. Kuz'min, V. V. Matveev, E. K. Pressman, and L. S. Sandakhchiev . . . . .	564 706
Isolation of Low-Molecular-Weight (4S) RNA from the Lipoproteins of Rat-Liver Endoplasmic-Reticulum Membranes - L. Z. Tulegenova and V. S. Shapot . . . . .	569 712
Degradation of DNA to Purine Sequences by Hydrolysis of Apyrimidinic Acid with Aniline - B. F. Vanyushin and Ya. I. Bur'yanov . . . . .	574 718
Histone Content of the Cell Nuclei of Regenerating Rat-Liver - L. V. Orlova, M. I. Nedelyaeva, and V. M. Ridionov . . . . .	583 729
Oxidation of Egg Albumin by N-Bromosuccinimide and Its Effect on the Antigenic Properties of Protein - F. V. Shmakova and E. D. Kaverzneva . . . . .	587 734
Participation of Thyroid Hormones in the in Vitro Obtention of the Dinitrophenol Effect on Oxidative Phosphorylation in Rabbit Liver Mitochondria - G. I. Medvedeva . . . . .	593 741
Proteinization of Thiamine upon Simultaneous Administration of Other Derivatives of the Vitamin Modified with Respect to the Pyrimidine Component - Yu. M. Ostrovskii, G. A. Dosta, M. N. Sadovnik, A. Schellenberger, and G. Hubner . . . . .	596 745
Study of Kinetics and Mechanism of Acid Inactivation of $\alpha$ -Amylases - N. A. Zherbtsov, E. A. Krayushkina, and Z. K. Avdeeva . . . . .	601 752
Tumor Lipids: Phospholipid Composition of Cell Nuclei from the Liver, Ascites Hepatoma, and Jensen Sarcoma - S. N. Kuz'mina, L. P. Troitskaya, I. B. Zbarskii, E. V. Dyatlovitskaya, T. I. Torkhovskaya, and L. D. Bergel'son . . . . .	610 763
Study of the Structural Proteins of Bacteriophage DDVI - V. V. Mesyanzhinov, M. Mazzarelli, T. A. Bogomolova, and B. F. Poglazov . . . . .	615 768

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VOLUME 89

1969

NUMBER 6

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## CONTENTS

	Page
S. Ihara and K. Kaiho: A Criterion for Stability of Composite Superconductors. . . . .	1
H. Terasa, Y. Hashimoto, M. Arakane and Y. Kawaguchi: Self-Extinction of Secondary Arcs of 500-kV Insulator Strings . . . . .	11
Y. Miki: Transient Response of Transistorized High-Speed Mho Relays . . . . .	20
A. Ushida and E. Ikeno: Analysis of Parametric Oscillators Coupled with a Transformer . . . . .	28
T. Machida and H. Sasaki: Transient Stability of AC Systems Under DC Transmission Line Fault. . . . .	38
T. Suzuki, I. Kishizima, Y. Ohuchi and K. Anjo: Study of Switching Surge Flashover Probability Using Multigaps . . . . .	46
K. Honda: Application of Information Theory to the Location of Hourly Rainfall Observatories . . . . .	54
T. Yamaguchi: Analysis of Harmonics on AC Line Generated by Three-Phase Bridge Rectifier. . . . .	62
K. Okuyama and Y. Ikeda: Factors Affecting Coil-to-Coil and Neutral Point Surge Voltages of Transformer. . . . .	72
T. Fujimaki and K. Ohniwa: Analog Simulation of DC Series Servomotor . . . . .	80

Available From Scripta Electronica, Inc.

# DOKLADY BIOCHEMISTRY

A translation of the Biochemistry Section of *Doklady Akademii Nauk SSSR*

Volumes 186-187

May-August, 1969

## CONTENTS

Engl./Russ.

### VOLUME 186, MAY-JUNE, 1969

Functional Peculiarities of the DNA of Diffuse and Condensed Chromatin—L. N. Anan'eva and A. E. Berman. . . . .	109	222
Effect of Inhibitors of Energy Metabolism on the Synthesis and Decomposition of RNA in Animal Cells—L. M. Volkova and N. G. Shuppe . . . . .	112	225
Biosynthesis of Chlorophyll under the Action of an Extract from Propionic Acid Bacteria Cells—T. N. Godnev, G. A. Lipskaya, and I. K. Fartotskaya. . . . .	115	228
Presence of $\gamma$ -Aminobutyric Acid in the Cerebral and Main Vessels of Man and Animals S. A. Mirzoyan, B. A. Kazaryan, and V. P. Akopyan . . . . .	117	231
Reversible Change in the Absorption Spectra and Fluorescence of Adsorbates of Magnesium Pthalocyanine and Chlorophyll—V. F. Gachkovskii. . . . .	119	471
Detection of Specific Individual Proteins of the Rat Brain—Z. S. Geislenovich, A. A. Simchuk, and L. M. Rumbesht. . . . .	122	474
Antitumoral Activity of Polymer Compounds—O. V. Zubova, Yu. E. Kirsh, T. S. Lebedeva, A. A. Shorokhova, A. B. Silaev, V. A. Kabanov, and V. A. Kargin . . . . .	125	477
Structure of the Blood Group Substances. Degradation of the Blood Group Substance (A + H) under the Action of an Enzyme Preparation from <i>Clostridium perfringens</i> —N. K. Kochetkov, V. A. Derevitskaya, L. M. Likhoshesterov, and M. D. Martynova . . . . .	129	1195
Activity of Certain Enzymes in Lupin Nodule Fractions—V. L. Kretovich, Z. G. Evstigneeva, K. B. Aseeva, O. N. Zargaryan, and E. M. Martynova . . . . .	132	1198
Postribosomal RNA-Containing Particles of the Cytoplasm of Animal Cells According to the Data of Analysis in a CsCl Density Gradient—L. P. Ovchinnikov, N. V. Belitsina, A. Ts. Avanesov, and A. S. Spirin . . . . .	136	1202
Influence of Potassium Ions on the Respiration of the Neuron and the Neuroglia of the Lateral Vestibular Nucleus of the Rabbit—N. G. Aleksidze and K. Blomstrand . . . . .	140	1429
L-Threonine Dehydrase of a Tobacco Tissue Culture—V. L. Kretovich, É. M. Sinel'nikova, Z. S. Kagan, and R. G. Butenko. . . . .	142	1431
Tissue Specificity of the Primary Structure of Animal DNA—A. L. Mazin, B. F. Vanyushin, and G. K. Korotaev . . . . .	145	1434

### VOLUME 187, JULY-AUGUST, 1969

Influence of Fluorides on the $\gamma$ -Amylase Activity of the Rabbit Liver—D. M. Belen'kii and E. L. Rozenfel'd . . . . .	151	201
Absence of Mercaptoethylguanidine and Guanidoethyldisulfide among the Conversion Products of 2-Aminoethylisothiuronium in the Organism and Cell—A. G. Tarasenko, É. Ya. Graevskii, M. M. Konstantinova, A. A. Mandrugun, I. V. Nekrasova, and V. M. Fedoseev . . . . .	153	203

(Contd)

Available From Consultants Bureau

# CONTENTS

(continued)

Engl./Russ.

Activity of Dehydrogenases, Amino and Ketoacids of <i>Rhizobium lupini</i> —V. L. Kretovich, V. I. Romanov, Z. G. Evstigneeva, T. G. Shorosheva, Yu. S. Borodulin, and S. P. Samsonova. . . . .	156	456
Conformational Changes in Flagellin during Self-Assembly—A. L. Metlina and B. F. Poglazov. . . . .	158	459
Physicochemical Properties and Amino Acid Composition of Pyocine R and Its Components —P. P. Garyaev, N. N. Latysheva, and B. F. Poglazov. . . . .	161	931
Synthesis in Vivo of Lamellar Protein during Formation of Structure of Corn Chloroplasts on Exposure to Light—M. I. Molchanov, N. S. Balaur, and É. N. Bezinger. . . . .	166	935
Systematization of the Codons of the Genetic Code—Yu. B. Rumer. . . . .	169	937
Effect of Lecithin SOL on the Activity of Myosin in the System Myosin Lecithin —K. B. Serebrovskaya, T. O. Balaevskaya, and T. I. Osipova. . . . .	171	939
Properties of Labile Photooxidized Forms of Chlorophyll b—V. B. Evstigneev, N. A. Sadovnikov, and G. D. Olovyannishnikova. . . . .	173	1184
Photoactivity of Chlorophyll in Aqueous Systems of the Amphoteric Surfactant Lecithin —G. A. Korneeva and K. B. Serebrovskaya. . . . .	177	1188
Conformational Changes Associated with $\text{Na}^+ - \text{K}^+$ -ATPase Activity—V. K. Lishko, M. K. Malysheva, and N. M. Polyakova. . . . .	179	1191
Localization of Reactions of N- and C-Oxidation of Dimethylaniline and of Peroxidation of Unsaturated Fatty Acids in the $\text{NADPH}_2$ -Oxygenase System of Microsomes —A. I. Archakov, L. F. Panchenko, I. I. Karuzina, and T. A. Aleksandrova. . . . .	182	1415
Polymorphism of Blood Serum Proteins and of the Hemoglobin of the Buffalo ( <i>Bubalus indicus brachyceros</i> )—L. A. Zubareva, O. N. Solomonova, N. I. Kuznetsov, and S. B. Kyazimov. . . . .	186	1419
Role of Copper and Molybdenum in Regulating the Properties of Xanthine Oxidase and Urate Oxidase—V. V. Koval'skii and I. E. Vorotnitskaya. . . . .	189	1422
Synthesis of Cellulose from $\text{UDP-C}^{14}\text{-G}$ in Vitro by an Enzyme Derived from Cotton Seedlings—B. N. Stepanenko and A. V. Morozova. . . . .	192	1425
ERRATA. . . . .	194	

The Russian press dates (podpisano k pechatii) of the first and last issues covered in this issue of the translation were, respectively, 4/23/1969 and 8/20/1969. Publication of the material translated in this issue therefore is known to have occurred not prior to the earlier of these dates, but must be assumed to have taken place at intervals starting reasonably soon after this date and ending shortly after the later date.

Available From Consultants Bureau

## CONTENTS

Engl./Russ.

Effect of Intrinsic Radiation from the $Sb^{124}$ Isotope on the Surface Processes Accompanying the Diffusion of Antimony into Germanium - V. S. Arakelyan, Vikt. I. Spitsyn and V. B. Lazarev . . . . .	429	116
Investigation of Cationic Aquocomplexes by Nuclear Magnetic Resonance - Yu. A. Zubov, S. P. Petrosyants, N. M. Buslaeva, and V. P. Tarasov . . . . .	434	120
Redox Potential and Dimensions of Silver Particles under "Manual" Development Conditions - E. A. Galashin, E. P. Senchenkov, and K. V. Chibisov . . . . .	438	124
Structural Changes in Polyethylene Fibers during Thermal Processing - Yu. A. Zubov, V. I. Selikhova, and V. A. Kargin . . . . .	441	126
Investigation of Fast Reactions in Solution behind Strong Shock Wave Fronts - V. K. Kedrinskii, N. K. Serdyuk, R. I. Soloukhin, and S. V. Stebnovskii . . . . .	445	130
Theory of a Film-Type Diode in Ionic Current Carriers - N. S. Lidorenko and A. L. Muler . . . . .	449	134
Reactivity of Alkylaromatic Peroxy Radicals with Respect to Triphenylmethane - I. A. Opeida and R. V. Kucher . . . . .	453	138
Formation of the OH Radical in the Sensitized Photooxidation of Water - A. K. Chibisov, V. A. Kuz'min, and A. P. Vinogradov . . . . .	456	142
Volume Effect on the Structure of Detonation Fronts - Yu. N. Denisov . . . . .	460	358
Zone Mechanism of the Development of Solid-Phase Reversible Reactions - G. B. Manelis and V. A. Strunin . . . . .	463	362
Glass Electrode with Electronic Function - A. M. Pisarevskii, M. M. Shul'ts, B. P. Nikol'skii, and A. A. Belyustin . . . . .	465	365
Kinetics of the Formation of Latex Particles in the Process of Emulsion Polymerization - L. M. Pis'men and S. I. Kuchanov . . . . .	468	368
Infrared Spectra of Deuterated Methanol, Adsorbed on Montmorillonite - Yu. I. Tarasevich and F. D. Ovcharenko . . . . .	472	372
Formation of Active Centers during Polymerization of Butadiene on the Catalyst System $AlCl_3 - CoCl_2 \cdot Py_2$ - G. V. Timofeeva, N. D. Seregina, N. A. Kokorina, and S. S. Medvedev . . . . .	475	376
Effect of a Shift in the Pressure Gradient in a Component of a Binary Mixture, Undergoing a Phase Transition of the First Kind - V. E. Fadeev . . . . .	478	379
Optical Rotation of Aqueous Solutions of Surface Active Steroids - Sodium Cholate and Desoxycholate - N. N. Tsikurina and Z. N. Markina . . . . .	481	381
Luminescence Investigations of Silver Chloride and Silver Chloride-Iodide Photographic Emulsions - V. M. Belous and K. V. Chibisov . . . . .	484	593
Photochemical and Thermal Interaction of Acid Chlorides with Aromatic Tertiary Amines - N. P. Glukhoedov, I. E. Kardash, A. N. Pravednikov and S. S. Medvedev . . . . .	488	597
Charging of Elastically Deformed Electrode - A. Ya. Gokhshtein . . . . .	492	601

(Contd)

Available from Consultants Bureau

Engl./Russ.

Measurement of the Surface Tension of Modified Water — B. V. Deryagin, Z. M. Zorin, V. V. Karasev, V. D. Sobolev, E. N. Khromova, and N. V. Churaev . . . . .	496	605
Investigation of the Nature of the Active Center in the Polymerization of $\beta$ -Propiolactone on Triethylphosphine by the NMR Method — M. A. Markevich, L. K. Pakhomova, and N. S. Enikolopyan . . . . .	499	609
Influence of an Electrolyte Preliminarily Dissolved in Water and Monohydric Alcohols on the Heat of Solution of a Second Electrolyte at 25°C — K. P. Mishchenko, S. V. Shadskii, and I. I. Lonkevich . . . . .	503	613
Passage of a Combustion Wave in Solid Propellant through an Inert Barrier — S. S. Novikov and Yu. S. Ryazantsev . . . . .	506	616
Ellipsometry and Thickness of Surface Layers — A. I. Rusanov and V. I. Phsenitsyn . . . . .	509	619

The Russian press dates (podpisano k pechati) of the first and last issues covered in this issue of the translation were, respectively, 6/17/1969 and 7/4/1969. Publication of the material translated in this issue therefore is known to have occurred not prior to the earlier of these dates, but must be assumed to have taken place at intervals starting reasonably soon after this date and ending shortly after the later date.

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# DOKLADY PHYSICAL CHEMISTRY

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Volume 187, Numbers 4-6

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## CONTENTS

Engl./Russ.

Calculation of the Activity of the Components of Solid Solutions Formed by Normal and Inverted Spinels in an Approximation of Non-ideal Solutions—B. G. Brokhovetskii, V. F. Bilakirev, R. Ya. Dobrovinski, A. N. Men', G. P. Popov, and G. I. Chufarov. . . . .	513	839
Preparation of Magnetic Controlled Electrical Resistors from Eutectic Alloys—V. N. Vigdorovich. . . . .	516	842
Boundary Viscosity of Some Polycymethylsiloxanes—B. V. Deryagin, V. V. Karasev, I. A. Lavygin, L. I. Skorokhodov, and E. N. Khromova. . . . .	520	846
Temperature Dependence of the Hydrolysis of p-Nitrophenyl Acetate, Catalyzed by the Polyoxyethylene Ester of N-Benzoylhistidine—A. B. Solov'eva, L. N. Topchieva, V. A. Kabanov, and Academician V. A. Kargin. . . . .	524	850
Calculation of Diffusion Coefficients in Porous Adsorbents—D. P. Timofeev and N. A. Tverdokhlebo. . . . .	528	854
Inhibiting Activity of Methylated Phenols—E. M. Tochina, L. M. Postnikov, V. Ya. Shlyapintokh, G. A. Nikiforov, and V. V. Ershov. . . . .	531	857
Effect of Vibrations on Visco-Elastic Behavior of Amorphous Polymers—G. V. Vinogradov, Yu. G. Yanovskii, A. I. Isaev, and Academician V. A. Kargin. . . . .	534	1075
Crystallization Kinetics of Hyperperitectic Alloys in the System Sn-Sb—Ya. V. Grechnyi, V. N. Ipatova, and L. E. Lev. . . . .	538	1079
Formation of Chlorine Dioxide during the Thermal Decomposition of Ammonium Perchlorate—V. I. Gritsan, V. N. Panfilov, and V. V. Boldyrev. . . . .	540	1082
Investigation of the Effects of Small Additions of Platinum to the Energy of the Bond between Oxygen and Vanadium Pentoxide—N. I. H'chenko, Yu. I. Pyatnitskii, G. I. Golodets, and V. A. Roiter. . . . .	542	1085
Magnetic Susceptibility of Various Adducts of Vanadyl VO(II) Acetate—V. T. Kalinnikov, V. V. Zelentsov, O. D. Ubozhenko, and T. G. Aminov. . . . .	546	1089
Probable Mechanism of the Formation of Adsorption Layers of Biomacromolecules—R. A. Kul'man. . . . .	548	1092
Effect of Liquid Metals on the Strength of Graphite—V. I. Savenko, A. V. Kharitonov, Yu. I. Koshelev, V. I. Kostikov, N. V. Pertsov, and E. D. Shchukin. . . . .	552	1096
Formation of Carbon Black from Acetylene at 1750-2100°K—P. A. Tesner and B. N. Al'tshuler. . . . .	555	1100
Highly Elastic Deformations, Shear Stresses, and Thixotropy of Polymer Melts. Low-Molecular-Weight Polyisobutylene—A. A. Trapeznikov and T. I. Korotina. . . . .	558	1103
X-ray Diffraction Study of the Hardening of Single-Mineral Binding Agents—A. F. Shchurov, M. A. Sorochkin, and G. M. Plavnik. . . . .	561	1107
EPR Spectra and Structure of Iminoxy Biradicals—E. G. Rozantsev and V. I. Suskina. . . . .	565	1332

(Contd.)

Available from Consultants Bureau

Engl./Russ.

Electrokinetic Potential of Barium Sulfate Precipitates—Viktor I. Spitsyn, E. A. Torchenkova, and L. N. Glazkova .....	568	1335
---	-----	------

The Russian press dates (podpisano k pechati) of the first and last issues covered in this issue of the translation were, respectively, 7/23/1969 and 8/20/1969. Publication of the material translated in this issue therefore is known to have occurred not prior to the earlier of these dates, but must be assumed to have taken place at intervals starting reasonably soon after this date and ending shortly after the later date.

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# SOVIET MATHEMATICS

DOKLADY AKADEMII NAUK SSSR  
Tom 188 Nos. 1-6, 1969

Vol. 10, No. 5

September-October, 1969

## TABLE OF CONTENTS

	Russian page nos.	Page
Budak, B. M. and Moskal, M. Z. <i>Classical solution of the multidimensional multifront Stefan problem</i> .....	(9-12)	1043
Ventcel', A. D. and Freĭdlin, M. I. <i>On the limiting behavior of an invariant measure under small perturbations of a dynamical system</i> .....	(13-16)	1047
Geĭler, V. A. <i>Functors defined by reflexive K-spaces</i> .....	(17-19)	1052
Egorov, Ju. V. <i>On subelliptic pseudodifferential operators</i> .....	(20-22)	1056
Emelin, I. V., Krasnosel'skiĭ, M. A. and Pokrovskii, A. V. <i>Inertial games</i> ....	(23-26)	1060
Zverovič, È. I. <i>The Bohnke-Stein kernel and closed-form solution of Riemann's boundary value problem on the torus</i> .....	(27-30)	1064
Lašnev, N. S. <i>On continuous decompositions of collectively normal spaces</i> ..	(31-32)	1069
Mal'cev, A. A. <i>A topological version of Stupecki's theorem for certain compacta</i> .....	(33-36)	1071
Rozanov, Ju. A. and Kozlov, M. V. <i>On asymptotically efficient estimation of regression coefficients</i> .....	(37-40)	1075
Roĭtberg, Ja. A. <i>On boundary values of generalized solutions of elliptic equations</i> .....	(41-44)	1079
Šahbazjan, K. V. <i>Scheme programming languages</i> .....	(45-48)	1084
Abdullaev, S. K. and Babaev, A. A. <i>Some estimates for a singular integral with summable density</i> .....	(263-265)	1088
Aleksandrov, I. A. and Gutljanskii, V. Ja. <i>On the coefficient problem in the theory of univalent functions</i> .....	(266-268)	1091
Brudovskii, B. S. <i>Semi-integral and quasi-nuclear mappings</i> .....	(269-271)	1095
Emeličev, V. A. and Komlik, V. I. <i>The solution of discrete programming problems by the construction of a sequence of schemes</i> .....	(272-273)	1098
Kačurovskii, R. I. <i>The regular points, spectrum and eigenfunctions of non-linear operators</i> .....	(274-277)	1101
Krivenkov, Ju. P. <i>On a certain form of the optimality conditions</i> .....	(278-281)	1106
Lašnev, N. S. <i>On completely irreducible mappings of completely regular spaces</i> .....	(282-285)	1111
Pasynkov, B. A. <i>On topological groups</i> .....	(286-289)	1115
Rublev, V. S. <i>On saturated and completely saturated subspaces of certain sequence spaces</i> .....	(290-293)	1119
Suetin, P. K. <i>Areally orthogonal polynomials and Bieberbach's polynomials</i> ..	(294-296)	1123
Akperova, O. A. and Džavadov, M. G. <i>On the expansion in eigenfunctions corresponding to a part of the set of eigenvalues of a nonselfadjoint second-order differential operator</i> .....	(503-506)	1127 (Contd)
Baĭguzov, N. S. <i>On the rate of convergence of differentiated Lagrange and</i>		

Available From The American Mathematical Society  
Vol 10, No 5, Sept-Oct 1969

	Russian page nos.	Page
<i>Hermite interpolation polynomials</i> .....	(507-510)	1132
Vainberg, A. M. <i>Nonlinear equations with monotone operators</i> .....	(511-513)	1136
Gorčakov, Ju. M. <i>A collection process</i> .....	(514-516)	1139
Levin, B. V. and Fainleib, A. S. <i>Average values of multiplicative functions</i> .....	(517-519)	1142
Levič, E. M. <i>Representation of solvable groups by matrices over a field of characteristic zero</i> .....	(520-521)	1146
Lozanovskii, G. Ja. <i>On the representation of spaces of regular functionals and some applications</i> .....	(522-524)	1149
Mikljukov, V. M. <i>Removable singularities of quasi-conformal mappings in space</i> .....	(525-527)	1153
Pokrovskii, L. D. <i>The Dirichlet problem for pseudodifferential equations depending on a parameter</i> .....	(528-531)	1156
Popov, V. I. <i>L. S. Pontrjagin's maximum principle in the theory of univalent functions</i> .....	(532-534)	1161
Strygin, V. V. <i>Singularities of the averaging principle for evolution equations</i> .....	(535-537)	1165
Blagoveščenskii, Ju. N. <i>On the distribution of extreme terms of order statistics</i> .....	(735-738)	1169
Gordin, M. I. <i>The central limit theorem for stationary processes</i> .....	(739-741)	1174
Dolgačev, I. V. <i>On the purity of the set of singular points of a morphism of schemes</i> .....	(742-744)	1177
Krasovskii, N. N. and Subbotin, A. N. <i>Mixed control in a differential game</i> ...	(745-747)	1180
Krylov, A. L. <i>Cauchy problem for Laplace's equation in the complex domain</i> .....	(748-751)	1184
Maergoiz, M. D. <i>Choice of a parameter in a minimization problem</i> .....	(752-755)	1188
Osipov, S. I. <i>A representation of the Laplace transformation of the function <math>\exp(-t^2)\text{erf}(at)</math></i> .....	(756-757)	1193
Rozenfel'd, B. I. <i>On principal bundles whose bases satisfy the second axiom of countability</i> .....	(758-761)	1196
Akivis, M. A. <i>Canonical expansions of the equations of a local analytic quasi-group</i> .....	(967-970)	1200
Brodskii, M. S. and Isaev, L. E. <i>Triangular representations of dissipative operators with an exponential type of resolvent</i> .....	(971-973)	1204
Brègmen, L. M. and Fokin, I. N. <i>On the structure of optimal strategies in some matrix games</i> .....	(974-977)	1208
Voskresenskii, V. E. <i>On the birational equivalence of linear algebraic groups</i> .....	(978-981)	1212
D'jakonov, E. G. <i>The solution of some nonlinear systems of difference equations</i> .....	(982-985)	1216
Zaĭnulabidov, M. M. <i>On a boundary value problem for a model equation of mixed type with two perpendicular lines of degeneracy</i> .....	(986-989)	1221
Ionin, V. K. <i>Riemannian spaces with Euclidean isoperimetric inequality</i> .....	(990-992)	1225
Kaplan, A. A. and Rubinšteĭn, G. Š. <i>The Kuhn-Tucker theorem</i> .....	(993-996)	1228
Kiprijanov, I. A. and Ključancev, M. I. <i>Estimates of a surface potential generated by a generalized shift operator</i> .....	(997-1000)	1232
Kozlova, Z. I. <i>On some <math>\Delta\Sigma</math>-operations the bases of which are obtained by union of chains of the base of the original operation</i> .....	(1001-1003)	1237
Kublanovskaja, V. N. <i>On an application of Newton's method to the determination of eigenvalues of <math>\lambda</math>-matrices</i> .....	(1004-1005)	1240
Raĭkov, D. A. <i>Semiabelian categories</i> .....	(1006-1009)	1242

(Contd)

Available From The American Mathematical Society  
Vol 10, No 5, Sept-Oct 1969

	Russian page nos.	Page
Stupina, I. D. Some properties of $R$ - and $R^c$ -operations .....	(1010-1013)	1246
Šikin, E. V. On regular realization in the large in $E^3$ of two-dimensional class $C^2$ metrics with negative curvature of class $C^1$ .....	(1014-1016)	1251
Štern, A. I. Completely irreducible class I representations of real semisimple Lie groups .....	(1017-1019)	1254
Ačil'diev, A. I. Eigenfunctions of the first boundary value problem for elliptic equations degenerate at certain points .....	(1207-1209)	1258
Brodskii, I. B. On the invariants of the group of triangular matrices of $n$ th order with ones on the main diagonal .....	(1210-1213)	1262
Golodets, V. Ja. On finite groups of automorphisms of hyperfinite factors .....	(1214-1216)	1266
———, Addendum: Approximately finite groups and hyperfinite factors of type $II_1$ .....		1269
Gol'dman, M. A. A characterization of functionally separable spaces and Tikhonov spaces by means of divergent nets .....	(1217-1220)	1270
Danilin, Ju. M. On an approach to minimization problems .....	(1221-1222)	1274
Karatoprakliiev, G. D. On a boundary value problem for equations of mixed type in multidimensional domains .....	(1223-1226)	1277
Ključancev, M. I. Estimates for solutions of boundary value problems with Bessel operator .....	(1227-1230)	1281
Kozlova, A. I. On some applications of the index comparison principle and separability laws of the space $J^{\omega\nu}$ .....	(1231-1233)	1286
Kolesov, Ju. S. Schauder's principle and the stability of periodic solutions ..	(1234-1236)	1290
Laričeva, V. V. A new algorithm for obtaining higher approximations in the averaging method .....	(1237-1240)	1294
Levič, E. M. On a problem of P. Hall .....	(1241-1243)	1299
Sibgatullin, N. R. Representation of functions in the form of a superposition of waves in two- and three-dimensional Lobachevskii spaces .....	(1244-1247)	1302
Šalašova, L. Ja. Timan's approximation theorem for functions having a con- tinuous derivative of fractional order .....	(1248-1249)	1307
Table of contents for the next issue (Vol. 10, no. 6, November-December, 1969) Russian original		
Tom 179, nos. 1-6 .....		1308-a

### CORRECTIONS

The following corrections are translated from p. 926 of Tom 189.

P. G. Aizengendler, *An application of Newton's diagram to the problem of the stability of periodic solutions*, Vol. 9 (1968), no. 2, 459-463 (Russian pages Tom 179, 1015-1018).

On page 462, line 15, "nonnegative" should be "positive",  
line 17,  $s > 1$  should be  $s > 2$ .

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Vol 10, No 5, Sept-Oct 1969

# SOVIET ELECTROCHEMISTRY

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Volume 5, Number 7

July, 1969

## CONTENTS

	Engl./Russ.
New Work Concerning the Structure of the Electric Double Layer—E. B. Damaskin . . . . .	717 771
Study of Anodic Processes on Iridium in Low Temperature Sulfuric Acid Solutions —N. V. Pospelova, A. A. Rakov, and V. I. Veszlovskii . . . . .	740 797
Calculating the Electrical Field of an Electrolyzer in a Multilayer Medium—V. T. Ivanov . . .	746 804
Photoelectrochemical Investigation of Anodic Dissolution of Nickel in Sulfuric Acid —A. Sh. Valeev and A. M. Ushanova . . . . .	750 809
Surface Structural Changes in Iron during Anodic Dissolution in Hydrochloric Acid —A. Sh. Valeev, R. V. Bismukhametov, and M. A. Chvala . . . . .	755 814
Equivalent Circuit and Conductivity for Electrochemical Desorption at a Hydrogen-Covered Electrode—I. M. Novosel'skii and N. N. Gudina . . . . .	761 820
Establishment of the Equilibrium State of a Platinum Electrode in an Iodine-Iodide System—A. M. Trukhan, Yu. M. Povarov, and P. D. Lukovtsev . . . . .	767 826
BRIEF COMMUNICATIONS	
The Cause of Catalytic Evolution of Hydrogen from Acid Solutions of Tribenzylamine —A. L. Asatiani and C. A. Todoradze . . . . .	773 833
Anodic Oxidation of Hydrazine on Smooth Palladium in Alkaline Solutions—B. P. Nesterov and N. V. Korovin . . . . .	774 836
Influence of Monoethanol Amine on the Solution of Silver Anodes in a Ferrocyanide Silver- Plating Electrolyte—B. R. Georgievskii . . . . .	779 838
Porosity, Luster, and Hardness of Electrolytic Co-Ni-P Alloys Produced in an Ultrasonic Field —N. I. Abramova, N. N. Balashova, and É. I. Meshcherskaya . . . . .	781 840
Photoelectrochemical Processes at a ZnO Electrode. III. Oxygen Reduction at Electrodes with Different Degrees of Alloying—V. P. Pakhomov, D. M. Shub, and V. I. Veselovskii .	784 843
Electrolysis of Chloric Acid Solutions in Presence of Acrylonitrile—N. S. Tsvetkov and E. P. Koval'chuk . . . . .	788 848
Electrolytic Reduction of Aliphatic Aldehydes. III. Effect of Electrode Material and Electrolysis Conditions on Electrolytic Reduction of Propionaldehyde—V. G. Khomyakov, A. P. Tomilov, and B. G. Soldatov . . . . .	790 850
Electro-Reduction of Aliphatic Aldehydes. IV. Effect of the Length of the Hydrocarbon Chain on the Electro-Reduction of Aliphatic Aldehydes—V. G. Khomyakov, A. P. Tomilov, and B. G. Soldatov . . . . .	793 853
Reduction of Metals at Liquid Gallium and Mercury—I. G. Vasil'eva . . . . .	796 856
Electrochemical Behavior of a Solid Bismuth Electrode in Perchlorate Electrolytes —M. S. Grilikhes, B. S. Krasikov, and N. S. Solotskaya . . . . .	799 859
Joint Adsorption of Organic Compounds on Mercury Electrodes—G. A. Dobren'kov and G. D. Shilotkach . . . . .	803 863
Cathodic Reduction during Chlorate Production—V. A. Shlyapnikov and T. S. Filippov . . . . .	806 866
Cathodic Hydrodimerization of Methylthienylketone—E. V. Kryukova, and A. P. Tomilov . . .	808 869
Oscillopolarographic Study of the Temperature Dependence of the Diffusion Coefficients for a Number of Chlorides in an LiCl-KCl Supporting Electrolyte—I. I. Naryshkin and V. P. Yurinskii . . . . .	810 871

(Contd)

Available from Consultants Bureau

(continued)

	Engl./Russ.
Overvoltage of Hydrogen Liberation in the Electrolysis of Concentrated Alkali Solutions. Niobium Cathode—V. Z. Lokhtanov and A. L. Rotinyan. . . . .	812 873
Mechanism of Cathodic $MnO_2$ Reduction in Neutral Solutions—F. A. Mendzheritski . . . . .	815 875
Effect of Oxidizing Agents on Cobalt Amalgam—B. K. Toibaev, S. A. Levitskaya, and A. I. Zebrev. . . . .	817 878
Behavior of 2-Acetyl-5-Bromothiophene on a Mercury Electrode—A. B. Ershler, I. M. Levinson, S. G. Mairanovskii, G. A. Todoradze, and Yu. B. Vol'kenshtein . . . . .	819 880
Catalytic Waves of Dialkyl Sulfoxides in Unbuffered Aqueous Solutions—V. G. Luk'yanitsa. . . . .	822 883
Adsorption of Aliphatic Alcohols on a Bismuth Electrode—R. Ya. Puilerits, U. V. Palm, and V. É. Past. . . . .	825 886
Cathodic Reduction of Benzoylferrocene and Ferrocenylaldehyde—L. N. Nekrasov N. N. Nefedova, and A. D. Korsun . . . . .	828 889
Reduction of 2-Chloropyridine on a Dropping Mercury Electrode—S. G. Mairanovskii and R. G. Baosheva. . . . .	832 893

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# SOVIET ELECTROCHEMISTRY

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## CONTENTS

Engl./Russ.

### BRIEF COMMUNICATIONS

Anodic Polarization in Nonaqueous Solutions of Polyelectrolytes—V. P. Barabanov and N. N. Ovsyannikov .....	837	899
Light Emission from Electrode Processes—M. L. Orestov .....	839	901
Mechanism of the Electrolytic Reduction of Dialkyltin Dichlorides at a Dropping Mercury Electrode—Yu. M. Tyurin, Vyach. N. Flerov, and Z. A. Nikitina .....	842	903
Dependence of the Kinetics of the Anodic Process at a Platinized Titanium Anode on the pH of Chloride Solutions—I. E. Veselovskaya, S. D. Khodkevich, and L. M. Yakimenko ..	845	906
Anodic Polymerization of Acrylonitrile in Sulfuric Acid Solution—N. S. Tsvetkov and E. P. Koval'chuk .....	849	909
Regular Features of the Kinetics of the Reduction of Potassium Nitrate at a Copper Cathode with Time—R. K. Kvaratskheliya and R. I. Agladze .....	851	911
Electrochemical Reduction of Oxygen on Smooth Platinum in the Presence of a Cation Exchange Membrane—V. I. Lysenko and N. A. Fedotov .....	856	915
"Effective Valence" during Metal Dissolution. Dissolution of Indium Amalgam—A. I. Molodov, G. N. Markos'yan, and V. V. Losev .....	858	918
Chromatographic Analysis of the Products of the Open-Circuit Interaction of Allyl Alcohol with Rhodium Black—G. A. Bogdanovskii, Zh. I. Bobanova, Yu. N. Bogoslovskii, and G. D. Vovchenko .....	862	921
Overvoltage during Chlorine Evolution at Pyrographite—M. Franz and A. L. Rotinyan .....	865	925
Influence of Crystal Roughness on the Smoothing of Nickel Platings—N. Ya. Kovarskii and N. P. Gnusin .....	868	928
Anisotropy of the Steady-State Potentials of the Faces of a Bismuth Single Crystal—G. P. Petrov .....	871	931
Diffusion Potentials—L. A. Ryazantseva, P. G. Antonov, and V. E. Mironov .....	873	933
Differential Capacity Curves for a Mercury Electrode in Coumarin Solutions—B. B. Dmaskin, S. L. Dyamkina, and S. I. Petrochenko .....	875	935
Extremal Conditions of Operation of Thermogalvanic Elements—G. A. Kaluzhina, A. Ya. Shatalov, and M. A. Rubtsova .....	878	938
Electrochemical Oxidation of Hydrogen on Nickel in Alkali under a Pressure of up to 100 atm and the Influence of Chloride Ions on It—S. M. Salei and A. I. Krasil'shchikov...	881	940
Measurement of Diffusion Coefficients by a Chronopotentiometric Method as Applied to Divalent Iron Ions in a Molten Equimolar Mixture of Potassium and Sodium Chlorides—N. I. Komilov, V. E. Solomatin, and N. G. Ilyushchenko .....	885	945
Kalousek Electromechanical Switch and Its Incorporation into the LP-60 Polarograph—A. M. Khopin, G. G. Dubovik, and S. I. Zhdanov .....	887	947
Influence of the Medium and Electrode Material on the Electroreduction of Alkyl Aryl Ketones—I. A. Avrutskaya, M. Ya. Fiohsin, S. D. Kabanova, and L. E. Gerasimova ...	890	951

(Contd)

Available from Consultants Bureau



Electrical Double-Layer Capacitance at a Mercury-Ethylene Glycol Interface - D. I. Delapardize, G. A. Fedoradze, and Sh. S. Delapardize .....	894	955
Influence of pH of the Solution on the Passivation of Nickel- V. A. Lovachev, A. I. Oshe, and S. N. Kabanov .....	897	958
Investigation of Polarization in the Electrodeposition of Nickel-Tungsten Alloys in the Region of Temperatures above 100°C- A. T. Vas'ko and V. V. Tobolin .....	900	961
Investigation of the Photoelectrochemical Effect on Anode-Polarized Tungsten- A. T. Vas'ko and V. N. Zaichenko .....	904	964
Polarographic Behavior of Ethyl-0,0-Dimethyldithiophosphoryl- $\alpha$ -Phenyl Acetate (Cydiol) - E. S. Kosmatyi and M. G. Tret'yak .....	905	965
Polarographic Reduction of Phenazine N-Monoxide and Its Derivatives to Anion-Radicals - L. L. Gordienko, A. G. Chukhlantseva, Yu. P. Rozum, and V. P. Chernetskii .....	907	967
Nature of the Polarization of an Antimony Electrode in Strongly Acid Solutions of Chlorides- I. G. Norakidze, V. A. Kazakov, and A. T. Vagramyan .....	910	970
Iodide Concentration Circuits with a Constant Concentration of the Electrolyte $K_2$ in Dimethylformamide, Acetonitrile, and Methanol- A. E. Gorenbein .....	912	972
Determination of the Composition of the Complex of Zinc in Zincate Solutions of KOH - B. N. Kabanov, T. I. Popova, A. I. Oshe, and Ya. Ya. Kulyavik .....	915	974
One Possible Method of Determining the Parameters of Electrochemical Systems - A. A. Chernenko .....	918	978
Effect of Adsorption of Ions and Molecules on the Photoemission of Electrons at the Metal-Electrolyte Boundary- Z. A. Rotenberg and U. V. Pleskov .....	923	982
Reduction of the Chloride and Bromide Complexes of Palladium (II) at the Dropping Mercury Electrode- V. I. Kravtsov and I. I. Shereshevskaya .....	926	985
Activity of Chromium Oxide in a Melt of the System $CaO-Al_2O_3$ .....	929	989
Determining the Order of an Electrochemical Reaction by Means of a Rotating Disc Electrode with a Ring- V. Yu. Filinovskii .....	932	991
Calculation of the Height of the Polarographic Waves in the Absence of a Limiting Current Plateau- G. S. Ginzburg .....	936	994
Polarography of Ions of Alkali Metals in Propylene Carbonates- V. A. Kuznetsov, N. G. Vasil'kevich, and B. B. Damaskin .....	939	997
Change in Electrochemical Properties of a Silver Electrode when Coated with a Thin Layer of $Ag_2O$ - L. Muller, P. Yanets, and R. Landsberg .....	943	1001
Anodic Carboxylation of Hydrocarbons with Conjugated Double Bonds- A. G. Kornienko, L. A. Mirkind, and M. Ya. Fioshin .....	946	1003
Investigation of the Effect of the pH of the Solution on the Evolution Potential of Hydrogen in Alkaline Solutions on Gallium II, - E. N. Potanova and I. A. Bagotskaya .....	950	1007
Interpretation of the Differential-Capacitance Curves of a Bismuth Electrode - R. Ya. Pullerit's, U. V. Palm, and V. É. Past .....	952	1009
Influence of the pH of the Solution on the Adsorption of Fatty Acids on a Mercury Electrode - A. V. Chizhov and B. B. Damaskin .....	955	1012
LETTERS TO THE EDITOR		
Mechanism of the Work of a Hydrophobic Electrode- A. G. Pshenichnikov, Yu. I. Kryukov, and R. Kh. Burshtein .....	958	1016
Polarographic Reduction of Aromatic Nitriles- L. S. Reishakhrit, T. B. Argova, L. V. Vesheva, and T. V. Forsova .....	959	1017
Electrooxidation of Lower Chlorocarboxylic Acids in the Presence of Free Radical Acceptors - M. A. Khrizolitova, L. A. Mirkind, and M. Ya. Fioshin .....	960	1018
Hydrogen-Isotope Separation Factor and Mechanism of the Elementary Act - L. I. Krishtalik and V. M. Tsionskii .....	961	1019

(Contd)

Available from Consultants Bureau

ELEKTROKHIMIYA  
Vol 5, No 8, 1969

(continued)

	Engl./Russ.
Electrothermoelastic Effect in Reversible Electrode Deformation--A. Ya. Gokhshtein . . . . .	962 1019
REVIEWS	
G. S. Sveshnikov' Electrochemical Processes in Sulfide Deposits--Reviewed by A. L. Rotinyan .	963 1021

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## CONTENTS

Engl./Russ.

### BRIEF COMMUNICATIONS

Alternating-Current Study of the Electrochemical Processes at a Platinum Electrode in a Solid Electrolyte — A. L. L'vov, E. P. Lomova, and E. N. Gushchina . . . . .	965	1027
Neutralization of Positive Sodium and Potassium Ions at a Glass-Vacuum Boundary by Thermal Electrons — Yu. A. Volokhov, A. P. Fedorov, and V. I. Danilkin . . . . .	968	1030
Cathodic-Reduction Kinetics for Oxygen at a Nickel Oxide Electrode in Concentrated KOH Solutions at 200°C — Yu. M. Pashkov, G. S. Tyurikov, and N. P. Vasilistov . . . . .	971	1033
Adsorption of Bromide Anions on a Smooth Platinum Electrode — Ya. Veber, Dzh. Pirtskhalava, Yu. B. Vasil'ev, and V. S. Bagotskii . . . . .	975	1037
Polarization of a Flowing Mercury Cathode during Discharge of Sodium Ions — G. I. Volkov and Yu. V. Lyadin . . . . .	979	1041
Oscillopolarographic Investigation of Certain Chlorides against a Background of LiCl-KCl — I. I. Naryshkin, V. P. Yurinskii, and P. T. Stangrit . . . . .	981	1043
Oxidation of Hypochlorite at a Platinum Anode — T. S. Filippov and Yu. V. Dobrov . . . . .	984	1046
Stability of the Potential Distribution over the Walls of a Cylindrical Tube — É. N. Rudenko, and N. P. Poddubnyi . . . . .	988	1049
Solubility and Diffusion of Oxygen in Solutions of Potassium Hydroxide and Phosphoric Acid — A. M. Yatskovskii and N. A. Fedotov . . . . .	991	1052
Chemisorption and Electrooxidation of Hydrocarbons on a Platinum Electrode. IX. The Nature of the Chemisorbed Particles Formed during the Adsorption of Propane — A. G. Pshenichnikov, A. M. Bogachev, and R. Kh. Burshtein . . . . .	993	1054
Separation of Calcium and Sodium on an Amalgam Electrode — E. K. Spasskaya and L. M. Yakimenko . . . . .	997	1058
Rate of Displacement of Sodium by Calcium from Solution during Amalgam Exchange — E. K. Spasskaya and L. M. Yakimenko . . . . .	1000	1061
Polarographic Investigation of Oxides of Tin, Vanadium, and Antimony against a Background of Molten Carbonates — V. V. Kuz'movich and N. Kh. Tumanova . . . . .	1003	1064
Cementation of Metals by Amalgams in Nonaqueous Solutions. II. Cementation of Antimony from Solutions of its Halides in Nonpolar Organic Solvents by Sodium Amalgam — V. P. Gladyshev, L. M. Ruban, and L. P. Petrova . . . . .	1006	1067
Nature of the Cathodic Film Appearing during Chromium Electrodeposition from Halide Solutions — M. A. Shluger and E. N. Osobenkova . . . . .	1010	1070
Mechanism of the Growth of Filamentary Silver Crystals during Nonsteady Electrolysis Conditions — M. S. Zubov, D. V. Fedoseev, L. A. Uvarov, and A. T. Vagramyan . . . . .	1012	1073
Effect of Crystal Roughness on the Microrelief of Copper Deposits — V. N. Golubev and N. Ya. Kovarskii . . . . .	1015	1075
Study of the Behavior of Phenylanthranilic Acid at a Platinum Electrode in a Sulfuric Acid Medium — R. N. Zolotar' and V. B. Avilov . . . . .	1018	1078
Method for Investigating Electrode Impedance — Yu. Ya. Lukomskii . . . . .	1020	1080

(Contd)

Available from Consultants Bureau

(continued)

Engl./Russ.

Electrochemical Behavior of Hydrogen Peroxide on a Nickel Electrode in an Alkaline Solution - G. P. Samoilov, E. I. Khramcheva, N. A. Shumilova, and V. S. Bagotskii . .	1022	1082
Effect of Halide Anions on Hydrogen Overvoltage in Solid Gallium in 1N H <sub>2</sub> SO <sub>4</sub> - I. A. Bagotskaya and T. I. Khalturina . . . . .	1025	1085
D. hydrogenation of Methanol during Adsorption on a Smooth Iridium Electrode and the Nature of the Nonstationary Currents - S. S. Sedova, Yu. B. Vasil'ev, and V. S. Bagotskii . . . . .	1028	1088
Reduction of Oxygen on Thallium - A. N. Doronin and O. L. Kabanova . . . . .	1032	1092
Adsorbabilities of Cis- and Trans-1,2-Dibromoethylenes on Mercury - I. G. Markova and I. G. Fokhtistov . . . . .	1035	1035
Polarography in Nonaqueous Solvents. III. Polarography of Iodo- and Bromobenzenes, Benzaldehyde, and p-Chlorobenzaldehyde in Mixed Solvents - V. D. Bezuglyi . . . . .	1038	1098
Overvoltage of Hydrogen on Saturated Indium Amalgam in Alkaline Solutions of Salts of the Alkaline Earth Metals - I. P. Gladkikh and V. N. Korshunov . . . . .	1042	1102
Adsorptive Properties of a Platinum Electrode in Solutions of Acids without the Addition of Indifferent Electrolyte - O. A. Petrii, A. N. Frumkin, and V. V. Topolev . . . . .	1044	1104
Determination of the Adsorption of Ions by the Method of Adsorption Potentials. II. The Adsorption of Br <sup>-</sup> on Rhodium and Iridium - O. A. Petrii, Nguyen van Tue, and Yu. G. Kotlov . . . . .	1048	1108
Ionization of Oxygen in Mixtures with Carbon Dioxide at Electrodes Partially Immersed in Carbonate Melts. II. Effect of Electrolyte Composition, Temperature, and Nature of Metal, on the Kinetics of the Ionization of Oxygen in Carbonate Melts - Yu. M. Pashkov and G. S. Tyurikov . . . . .	1052	1112
Study of the EMF of Galvanic Cells Including Sulfonic Acid Cation Exchange Membranes and Solutions of Magnesium and Baride Chlorides - Z. S. Alagova, O. K. Stefanova, and E. A. Materova . . . . .	1056	1116
Nonequilibrium Charging of the Surface of p-Type Germanium - Kh. A. Roolaid, M. D. Krotova, and Yu. V. Pleskov . . . . .	1060	1120
Ionization of Oxygen in a Metal-Gas-Ion Exchange Membrane Electrolyte System - V. I. Lysenko and N. A. Fedotov . . . . .	1062	1122
Impedance Study of the Mechanism of Copper Electrocrystallization in the Neighborhood of the Equilibrium Potential - Z. A. Tkachik, K. M. Gorbunova, and É. S. Sevast'yanov . .	1065	1125
Polarization Curve of Redox Processes on Anthracene - V. A. Myamlin and B. T. Lozhkin . .	1069	1129
LETTERS TO THE EDITOR		
Polarographic Waves in Acid Solutions of Sodium Thiosulfate - A. G. Voloshin . . . . .	1073	1134

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February, 1970

## CONTENTS

		PAGE	RUSS. PAGE
Radiation of Electromagnetic Waves by Charged Particles in Statistically Nonuniform Crystals. <u>G. A. Beglashvili and Yu. S. Monin</u> . . . . .	(T)	1663	2057
Local Oscillations and Optical Phonons in Solid Solutions. <u>V. S. Vinogradov</u> . . . . .	(T)	1666	2062
Resonance Absorption of the Pure Modes of a Monochromatic Sound Wave by Paramagnetic Ions of a Crystal. <u>V. P. Derevenskii</u> . . . . .	(T)	1673	2072
Focusing of Atomic Collisions in an fcc Lattice Containing an Isolated Vacancy. <u>G. V. Zhukov and V. M. Kolyada</u> . . . . .	(T)	1677	2077
Positron Annihilation in Metal Oxides. <u>A. D. Tsyganov, A. Z. Varisov, A. D. Mokrushin, and E. P. Prokop'ev</u> . . . . .	(E/T)	1679	2079
Energy Levels of Ions with $d^2(d^8)$ and $d^5$ Type Shells in Tetragonal Crystal Fields. <u>D. M. Sveridov and T. F. Veremeichik</u> . . . . .	(T)	1686	2088
Magnetic Structure and $Fe^{2+}$ Ion Positions in the Hexagonal Ferrite $BaCo_{1.7}Fe_{0.25}Fe_{1.7}O_{27}$ . <u>T. A. Khimich, V. F. Belov, M. N. Shipko, and E. V. Korneev</u> . . . . .	(E/T)	1690	2093
Field Distribution in a Metal-Dielectric-Metal Junction System. <u>Sh. N. Gifeisman</u> . . . . .	(T)	1693	2097
The Change in the Crystal Field Potential in a Homologous Series of Crystals Having the Scheelite Structure. <u>M. V. Eremin, I. N. Kurkin, O. I. Mar'yakhina, and L. Ya. Shekun</u> . . . . .	(E/T)	1697	2103
Photoelectron Saturation and Negative Differential Photoconductivity in CdSe. <u>J. J. Vaitkus, J. K. Višćakas, S. C. Karpinskas, and A. K. Urbelis</u> . . . . .	(T/E)	1703	2111
Delta-Function Potential Approximation in the Theory of Negatively Charged Electronic Color Centers. <u>A. A. Berezin and V. B. Kirii</u> . . . . .	(T)	1709	2118
Ferromagnetic Resonance in Yttrium Garnet with Holmium Impurity. <u>A. N. Ageev and A. G. Gurevich</u> . . . . .	(E)	1712	2122
Band Domains of Obliquely Deposited "Supercritical" Permalloy Films. <u>L. S. Palatnik, A. G. Ravlik, L. I. Lukashenko and V. N. Samofalov</u> . . . . .	(E)	1719	2130
Parametric Excitation of Magnetostatic Waves in a Tangentially Magnetized Plate. <u>A. V. Vashkovskii and B. A. Murmuzhev</u> . . . . .	(T)	1723	2135
The Nature of the Active Center for Selenium Epitaxial Growth on KI and KBr Single Crystal Cleavage Surfaces. <u>I. D. Nabitovich</u> . . . . .	(E)	1726	2139
Mössbauer Study of Iodine Dioxide. <u>Yu. S. Grushko, B. G. Lur'e, and A. N. Murin</u> . . . . .	(E)	1733	2144 (Contd)

Available from American Institute of Physics  
Vol 11, No 8, Feb. 1970

	RUSS. PAGE	PAGE
Magnetic Properties in Strong Pulsed Magnetic Fields of Some Manganites Having the Perovskite Structure. <u>A. T. Starovoitov, V. I. Ozhogin, and V. A. Bokov.</u> . . . . .	(E)	1740 2153
Effective Parameters of Ferrites. <u>I. A. Gilinskii</u> . . . . .	(T)	1745 2159
Theory of Surface Donor States in Silicon and Germanium. <u>A. A. Kharpushin.</u> . . . . .	(T)	1748 2163
Surface Vibrations in Ionic Crystals. <u>V. V. Bryksin and Yu. A. Firsov.</u> . . . . .	(T)	1751 2167
Theory of Dimensional (Size) Oscillation Effects and Geometrical Resonances in Normal Metal Films. <u>G. A. Gogadze and I. O. Kulik</u> . . . . .	(T)	1762 2182
Kinetic Phenomena in Neodymium Chalcogenides in the Magnetic Ordering Region. <u>V. P. Zhuze, V. I. Novikov, V. M. Sergeeva, and S. S. Shalyt</u> . . . . .	(E)	1770 2192
Dispersion of Elastic Waves in a Crystal Containing Macroscopic Spherical Inclusions. <u>A. Kovalev and A. Kosevich</u> . . . . .	(T)	1773 2196
Effect of the Activator Concentration on the Degree of Association of Impurity Centers in the System $\text{SrF}_2:\text{Gd}^{3+}$ . <u>F. Z. Gil'fanov, L. D. Livanova, M. S. Orlov, and A. L. Stolov.</u> . . . . .	(E)	1779 2203
The Mechanical Aftereffect and Creep of Metals. <u>B. Ya. Pines and I. G. Ivanov.</u> . . . . .	(E)	1783 2208
Effects of Impurities on the Main Absorption Edge of GaP. <u>A. N. Pikhlin and D. A. Yas'kov</u> . . . . .	(E)	1787 2213
Scattering of Light by Concentration Fluctuations and Generation-Recombination Noise. <u>A. G. Aronov</u> . . . . .	(T)	1791 2219
Interpretation of the Phenomenon of Field Emission in p-Type Ge. <u>P. G. Shlyakhtenko.</u> . . . . .	(E)	1794 2222
Selective Crystallization on Elements of the Surface Electrical Structure of LiF Crystals. <u>G. I. Distler and V. P. Vlasov</u> . . . . .	(E)	1798 2226
State of Electrons Near a Phase Transition and in Disordered Systems. <u>M. A. Krivoglaz.</u> . . . . .	(T)	1802 2230
Oxygen Centers in the $\text{CaF}_2:\text{Dy}^{3+}$ and $\text{SrF}_2:\text{Dy}^{3+}$ Systems. <u>R. K. Luks, L. D. Livanova and A. L. Stolov</u> . . . . .	(E)	1810 2241
NMR Spectra of Diffusing Water Molecules in Crystals. <u>N. A. Sergeev, O. V. Falaleev, and S. P. Gabuda</u> . . . . .	(T/E)	1815 2248
Nonlinear Reflection and Refraction of Coherent Light in Thin Metal Films. <u>G. V. Krivoshekov and V. I. Stroganov</u> . . . . .	(T/E)	1818 2252
Phonon Spectra in Thin Films. <u>Yu. A. Romanov and M. Sh. Erukhimov.</u> . . . . .	(T)	1823 2258
Temperature-Induced Changes in the Electron Paramagnetic Resonance Spectrum of $\text{Mn}^{2+}$ in Pyromorphite $\text{Pb}_3(\text{PO}_4)_2\text{Cl}$ . <u>L. G. Glin'skaya, M. Ya. Shcherbakova, and V. V. Bakakin</u> . . . . .	(E)	1827 2263
Photoluminescence of Undoped Gallium Arsenide Crystals. <u>V. S. Bagaev and L. I. Paduchikh</u> . . . . .	(E)	1832 2268
Temperature Dependence of the Integrated Intensity for Light Absorption by Localized Oscillations. <u>I. P. Ipatova, A. A. Maradudin, and A. V. Subashiev</u> . . . . .	(T/E)	1834 2271
Hot Photoelectrons in Semiconductors. <u>Yu. P. Ladyzhinskii</u> . . . . .	(T)	1842 2282
Diffuse X-Ray Scattering by an AlZn Single Crystal During Decomposition. <u>G. V. Kleshchev, D. V. Shumilov, A. I. Sheinkman, V. A. Toldin, and A. G. Parfenov.</u> . . . . .	(E)	1847 2289
Charge Distribution Near a Dislocation in an Ionic Crystal. <u>I. G. Margvelashvili and Z. K. Saralidze</u> . . . . .	(T)	1854 2296
Intraband Absorption of Electromagnetic Waves in Doped Semiconductors. <u>Yu. S. Gal'pern and A. L. Éfros</u> . . . . .	(T)	1858 2301

(Contd)

Available from American Institute of Physics  
Vol 11, No 8, Feb. 1979

		RUSS. PAGE	PAGE
Magnetic Properties of the Alloy $MnAu_2$ in Intense Pulsed Magnetic Fields Under High Hydrostatic Pressure. I. G. Fakidov and R. Adiatullin . . . . .	(E)	1861	2305
Temperature Dependence of the Elastic Moduli of the Metamagnetic Compound $MnAu_2$ . I. G. Fakidov and É. V. Kleimenov . . . . .	(E)	1865	2309
Investigation of Absorption of Longitudinal Ultrasonic Waves in $CaF_2$ , $BaF_2$ , and $SiO_2$ . A. D. Gingis, A. I. Morozov, B. A. Stankovskii, and V. V. Golotsvan . . . . .	(E/T)	1868	2313
Role of Exciton States During Two-Quantum Absorption in Semiconductors. V. I. Bredikhin and V. N. Genkin . . . . .	(T)	1871	2317
Magnetic Properties of an Isotropic Two-Sublattice Ferrimagnet in the Noncollinear Phase. V. K. Buzylev and L. V. Kurbatov . . . . .	(T)	1875	2322
Magnetic Properties of Manganese Arsenide in Strong Pulsed Magnetic Fields. N. P. Grazhdankina, É. A. Zavadskii, and I. G. Fakidov . . . . .	(T/E)	1879	2327
Galvanomagnetic and Thermomagnetic Phenomena in a Strong Magnetic Field. É. Normantas . . . . .	(T)	1886	2337
First-Order Phase Transition in an Antiferromagnet in an External Magnetic Field. V. G. Bar'yakhtar, E. V. Zarochintsev, and V. A. Popov . . . . .	(T)	1891	2344
Shift of the Paramagnetic Resonance Line Due to a Spin-Phonon Interaction. V. A. Timofeev . . . . .	(T)	1897	2353
Effective Quadrupole-Quadrupole Interaction Between Impurity Molecules in a Crystal. N. E. Kamenogradskii and Yu. V. Konobeev . . . . .	(T)	1900	2357
BRIEF COMMUNICATIONS			
Temperature Change of Electric Broadening and Shift of the $Cr^{3+}$ EPR Line in Zinc Tungstate. V. M. Chernov . . . . .	(E)	1903	2361
Possible Mechanism of Photothermal and Thermal Destruction of F Centers in Alkali-Halide Crystal Phosphors. F. N. Zaitov, E. S. Dudarev and V. I. Sidlyarenko . . . . .	(E/T)	1905	2362
Supplementary Absorption During Excitation of Magnetoelastic Waves in Ferroelectrics. K. V. Goncharov and V. I. Uchastkin . . . . .	(E)	1907	2365
The Acoustoelectric Effect in $SbSI$ . V. Kunigelis, V. Samulionis, and É. Garshka . . . . .	(E)	1909	2367
Dispersion Laws in Crystals of Orthorhombic Symmetry Forming a $\Gamma_2^+$ Lattice. T. N. Sushkevich . . . . .	(T)	1910	2368
The Nature of Recombination Radiation in Cadmium Telluride. G. P. Golubev . . . . .	(T)	1912	2370
Electron Damping of Ultrasonic Lamb Waves in $CdS$ . I. Ya. Kuchеров and I. V. Ostrovskii . . . . .	(E)	1914	2373
Kinetics of Ordering in a $NiO - MgO$ Solid Solution. S. A. Chudinova, S. P. Kuz'kina, and O. N. Shvirin . . . . .	(E/T)	1917	2375
Electric Transport and Diffusion of Molybdenum in a Nickel-Molybdenum Solid Solution. D. F. Kalinovich, I. I. Kovenskii, M. D. Smolin, and V. M. Statsenko . . . . .	(E)	1919	2378
Spectrum of an Electron Localized at an Edge Dislocation. M. I. Molotskii . . . . .	(T)	1921	2380
Synthesis of a Third Polymorphic Modification of Arsenic Selenide at High Pressures. V. A. Kirkinskii, A. P. Ryaposov, and V. G. Yakushev . . . . .	(E)	1923	2382
Spin-Lattice Relaxation of Arsenic Donors in Germanium. E. M. Gershenson, B. D. Danilov, N. M. Pevin, and M. S. Fogel'son . . . . .	(E)	1925	2384
Hole Processes and Structure-Sensitive Radiation Coloring of $KCl$ . S. M. Muradov . . . . .	(E)	1927	2386

(Contd)

Available from American Institute of Physics  
Vol 11, No 8, Feb. 1970

		RUSS. PAGE	PAGE
Use of a Black Absorber to Measure the Mössbauer Coefficient in Cobalt Oxides. <u>S. I. Bondarevskii, V. T. Shipatov, P. P. Seregin,</u> and <u>K. V. Perepech.</u> .....	(E)	1929	2388
Electrical Structure of Alkali Halides During Their Disintegration in Solid Solutions. <u>G. I. Distler, V. N. Lebedeva, V. V. Moskvina,</u> and <u>E. I. Kortukova.</u> .....	(E)	1931	2390
Effect of "Interaction" Terms on the Constants of the Spin Hamiltonian. <u>A. N. Men', D. S. Farberov, and P. G. Filippov</u> .....	(T/E)	1934	2393
Electrical Properties of Tantalum Carbide at High Temperatures. <u>O. A. Golikova, É. O. Dzhaferov, A. I. Avgustinik,</u> and <u>G. M. Klimashin.</u> .....	(E)	1936	2395
Internal Friction in Single Crystals of Barium Titanate. <u>A. Yu. Kudzin,</u> <u>L. K. Bunina, and O. A. Grzhegorzhevskii.</u> .....	(E)	1939	2397
Relation Between the Electrical Resistivity and Dislocation Density in Polycrystalline Metals. <u>M. Ya. Fuks.</u> .....	(E)	1941	2399
Characteristic Electron Energy-Loss Spectrum for Ruthenium. <u>V. V. Zashkvara, V. S. Red'kin, and M. I. Korsunskii</u> .....	(E)	1944	2402
Low-Temperature Phase Transition in the Polar State of the Organic Semiconductor Phthalocyanine. <u>Yu. A. Vidadi, E. A. Chistyakov,</u> and <u>L. D. Rozenshtein.</u> .....	(E)	1945	2403
"Phonon Wind" and Dislocation Damping. <u>V. I. Al'shits</u> .....	(T)	1947	2405

Available from American Institute of Physics  
Vol 11, No 8, Feb. 1970



# SOVIET PLANT PHYSIOLOGY

A translation of *Fiziologiya Rastenii*

Volume 16, Number 4

July-August, 1969

## CONTENTS

	Engl./Russ.
Chloroplast Organization and Photochlorophyllide Metabolism in Corn Leaves in Darkness and Light—S. V. Tageeva, G. E. Savchenko, G. A. Semenova, and A. A. Shlyk . . . . .	483 581
Some Ecological-Physiological Features of the Action Spectrum of Photosynthesis at Light Saturation—V. M. Gold . . . . .	495 594
After-Effect of High Temperature on the Photosynthetic Metabolism of Labeled Carbon in Peas—A. M. Shcherbakova . . . . .	502 603
Assimilation of Urea and Change in the Composition of Free Amino Acids during Phosphorus Starvation of Plants—T. N. Chernyavskaya and O. F. Tueva . . . . .	506 608
Content of Nitrogen and Phosphorus Compounds in Buckwheat Mitochondria Depending on the Conditions of Mineral Nutrition—O. A. Sokolov . . . . .	512 615
Influence of the Conditions of Phosphorus Nutrition on the Absorption and Conversion of Phosphorus in the Cytoplasmic Structures of Cabbage Roots—P. A. Vlasyuk, L. A. Levchenko, and P. P. Mel'nichuk . . . . .	517 621
Influence of the Conditions of Mineral Nutrition on the Rate of Moisture Exudation by Corn Roots—A. N. Kremnina . . . . .	522 626
Effect of NaCl and Na <sub>2</sub> SO <sub>4</sub> on Growth of Tissues of Plants of Different Ecological Groups in Tissue Cultures—E. I. Komizerko . . . . .	528 632
Effect of Isoosmotic Concentrations of NaCl and Na <sub>2</sub> SO <sub>4</sub> on Rate of Photosynthesis and Photochemical Activity of Corn Chloroplasts—L. P. Lapina and S. A. Bikmukhametova . . . . .	532 638
Initial Pathways of Glucose Transformation during Respiration of Plants under Various Conditions of Soil Salinization—N. V. Zhukouskaya, N. F. Lyakhova, and E. S. Volkova . . . . .	536 643
Determination of the Change in Cold Resistance of Plants by the Amount of Sap Expressed from the Leaves—L. A. Nezgovorov, A. K. Solov'ev, and L. N. Rodina . . . . .	541 650
Washing out Sugars from Tillering Nodes of Frost-Hardened Winter Wheat Plants —T. I. Trunova . . . . .	547 658
Physiological Indicators of Resistance in Hard Wheats—A. I. Shchukina . . . . .	553 666
Effect of Kinetin on the Activity of Pumpkin Root Systems—M. G. Abutalybov, A. A. Mardanov, and N. B. Vezirova . . . . .	559 673
Interaction of Phytohormones and Their Effect on the Growth of Isolated Pumpkin Cotyledons—A. L. Kursanov, O. N. Kulaeva, and T. P. Mikulovich . . . . .	564 680
Cytological Study of the Effect of 6-Benzylaminopurine and Kinetin on Isolated Flax Cotyledons—I. N. Sveshnikova and V. A. Khokhlova . . . . .	570 687
Accumulation of Sugars Absorbed from Solution in the Ends of the Conducting Bundles and in the Mesophyll Cells of the Sugar Beet Leaf—N. A. Pristupa . . . . .	575 692
Comparative Study of Free Nucleotides in Two Varieties of Cotton Plants —A. P. Ibragimov and L. S. Plekhanova . . . . .	580 698
Content and Accumulation of Polyphosphates in Cells of <i>Scenedesmus Obliquus</i> (Turpin) Kützlin of Different Ages—E. N. Markarova and S. S. Baslavskaya . . . . .	584 702 (Contd)

Available from Consultants Bureau

Effect of Light and Darkness on the Mitochondrial Ultrastructure of Rudbeckia and Chenopodium Leaves—É. L. Milyaeva, N. P. Akseanova, and T. N. Konstantinova	589	712
Effect of Phenazone on the Content of Phenolic Compounds and Carbohydrates in Sugar Beet—S. M. Mashtakov and G. P. Kudryavtsev	593	713
Effect of Chlorocholine Chloride on the Growth and Water Status of Various Winter Wheat Varieties—A. I. Uskov and A. V. Pyatygin	599	721
BRIEF COMMUNICATIONS		
Effect of Nicotinic Acid and Its Analogs on Certain Physiological Processes and Productivity of Spring Wheat—F. A. Polimbetova, É. I. Omarova, and E. D. Bogdanova	603	726
Effect of Actinomycin D on the Biosynthesis of RNA and Protein in Germinating Cotton Seeds—Kh. Kh. Karimov and S. V. Kudinova	607	730
Investigation of the Diurnal Variations of the Free Radical Concentration in Potato Leaves—A. I. Mochalkin and K. I. Mochalkina	610	732
Photosynthetic Apparatus of Sugar Beets in a Nutrient Medium Varying in Composition of Trace Elements—G. A. Lipskaya and A. I. Antipova	612	734
Uptake of Radiophosphorus $P^{32}$ by Tree Roots from Solutions with a Different Carbon Dioxide Content—A. V. Veretennikov	615	737
Activity of Glucose-6-Phosphate Dehydrogenase and Aldolase in Growing and Aging Corn Coleoptiles—É. E. Khavkin and L. A. Podolyakina	618	740
PRACTICAL APPLICATIONS		
Pulsed Sprinkling of Agricultural Crops—G. V. Lebedev, V. G. Egorov, and V. G. Bryukvin	620	743
METHODS		
Automatic Installation for Recording the Rate of Photosynthesis in a Closed Cycle System of Small Volume—Yu. V. Krylov	623	746
Some Results of Measuring Direct Solar Photosynthetically Active Radiation by a Spectral Phytoactinometer—A. A. Fedyushin and V. P. Bedenko	631	756
REVIEWS		
P. A. Vlasjuk, Biological Elements in the Life of Plants—Reviewed by L. K. Polishchik and D. F. Protsenko	634	760
Dmitrii Filippovich Protsenko (on the Occasion of his 70th Birthday)—N. M. Belokon', A. V. Kaplya, S. I. Mininberg, L. K. Polishchuk, and L. A. Sirenko	637	763
Vasilii Feofilovich Kuprevich—M. N. Goncharik	639	765

The Russian press date (podpisano k pechati) of this issue was 7/15/1969. Publication therefore did not occur prior to this date, but must be assumed to have taken place reasonably soon thereafter.

Available From Consultants Bureau

CONTENTS

Sokolowska-Pituchowa J.: The 100-year-old history of the <i>Theatrum Anatomicum</i> in Cracow . . . . .	93
Sokolowska-Pituchowa J.: Professors of the chair of descriptive and topographic anatomy in Cracow in the past hundred years . . . . .	102
Kohmann S., Kuś J., Sokolowska-Pituchowa J.: The School of Kazimierz Kostanecki . . . . .	108
Skowron S.: The scientific activity of K. Kostanecki in the field of experimental cytology and developmental mechanics . . . . .	112
Kohmann S.: Kazimierz Kostanecki, Anatomist of the Jagellonian University . . . . .	122
Kuś J.: The history of injection methods in the morphological sciences . . . . .	134
Sokolowska-Pituchowa J.: The history of studies on the lymphatic system . . . . .	147
Sokolowska-Pituchowa J.: Some of Teichmann's anatomical techniques . . . . .	158
Plasecki Z., Jugowski F., Piotrowski J.: Forms of the renal pelvises in man in casts and radiograms . . . . .	161
Miaśkiewicz C.: Age and rate of ossification of the epiphyseal cartilages of the foreleg in boys . . . . .	172
Sokolowska-Pituchowa J., Miaśkiewicz C.: The sesamoid bones in Negroes . . . . .	179
Konaszewska-Rymarkiewicz K., Szlaga-Sobechowicz Z.: Menarche and the constitutional factor in girl students . . . . .	184
Sokolowska-Pituchowa J., Wohn A., Feret J.: The behavior of diaphorase of coenzyme I (NAD) in the course of degeneration of the sciatic nerve in hooded rats after freezing of the nerve . . . . .	189
Sokolowska-Pituchowa J., Feret J., Wohn A.: Histochemical analysis of degenerative lesions in peripheral nerves under the influence of steroid hormones . . . . .	199
Feret J.: A rare case of „costoepitrochlear muscle” . . . . .	204

Available from CPSTI TT 69-50003/2

CONTENTS

	Page	
	English	Russian
A. G. MOSKVINA, Study of the Displacement Field of Elastic Waves in Dependence of Characteristics of Earthquake Foci . . . . .	545	3
S. A. FEDOTOV AND S. A. BOLDYREV, Frequency Dependence of the Body-Wave Absorption in the Crust and the Upper Mantle of the Kuril-Island Chain . . . . .	553	17
V. I. PASECHNIK, Calculation of Phase Velocity Dispersion in Absorbing Media . . . . .	563	34
G. V. YEGORKINA, The Use of Recordings of Converted Seismic Waves to Study Crustal Anisotropy . . . . .	567	40
S. I. PEREL'MAN, Experimental Data Concerning the Non-Gaussian Distribution of Random Components of Geophysical Observations . . . . .	574	51
V. N. STRAKHOV, Approximation of Solutions of Incorrectly-Posed Linear Problems in Hilbert Space with Applications to Exploration Geophysics II . . . . .	581	64
V. I. BAGIN, S. YU. BRODSKAYA, V. I. GON'SHKOVA, G. N. PETROVA AND D. M. PECHERSKIY, Data Concerning the Magnetic Properties of Plateau Basalts and Alkaline Basaltoids on the Southern Boundary of the Russian Platform . . . . .	596	97
SCIENTIFIC COMMUNICATIONS		
P. YA. BERSHTEYN (Barstein), Propagation of Love Waves in an Anisotropic Inhomogeneous n-Layered Medium . . . . .	601	165
L. G. IVANKIN AND YU. A. TARAKANOV, Effect of Microseisms on a Sea-Bottom Gradient Meter . . . . .	604	109
V. A. TROITSKAYA, E. T. MATVEYEVA AND A. V. GUL'EL'MI, Amplification and Attenuation of Beads in Isolated Series . . . . .	607	113
CHRONICLE		
N. A. POPOV, E. V. LAVRENTYEVA, P. S. MATVEYEV, V. G. BALENKO, N. I. PANCHENKO, E. I. OBREZKOVA, I. A. DYCHKO, E. I. YEVTUSHENKO, O. V. CHUPRUNOVA, I. P. OGORODNIK, P. A. KORBA, V. G. GOLUBITSKIY, V. G. BULATSEN, E. I. POPOVA, V. N. SINCHESKUL, B. F. SINCHESKUL, E. I. BOBOVOZ, A. A. SLAVINSKAYA, AND OTHERS, Zinaida Nikolaevna Aksent'yeva (Obituary) . . . . .	609	116

Available from The American Geophysical Union

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### LIST OF CONTENTS

1968, No. 5

	Page	
	orig.	transl.
Salautin V.A., Evseyev P.P., Ratner B.Ya., Gnuchev S.M., Ponomarev B.I.		
VARIATIONS IN COMPOSITION AND PROPERTIES OF ELECTRIC-FURNACE SLAGS DURING SLAG TREATMENT OF TRANSFORMER STEEL (Abr.tr.)	3	4
Levenets N.P. (decd.), Lopukhov G.A., Samarin A.N.		
FUME FORMATION DURING OXYGEN BLOWING OF PIG IRON (Abr.tr.)	11	9
Krichevets M.I., Povolotskiy D.Ya., Zhukov D.G.		
DISTRIBUTION OF OXYGEN BETWEEN STEEL AND SLAG IN ELECTROSLAG REMELTING	15	12
Shantarin V.D., Esin O.A., Boronenkov V.N.		
KINETICS OF THE REACTION BETWEEN FERROUS SLAGS AND LIQUID PIG IRON (Abr.tr.)	18	15
Novokhatskiy I.A., Borts Yu.M., Kopyrin I.A.		
SOLUBILITY OF WATER VAPOUR IN MOLTEN BLAST FURNACE SLAGS (Abr.tr.)	27	22
Mariyenbakh L.M., Veytsman E.V.		
THE PHYSICO-CHEMICAL HYDRODYNAMICS OF A STEEL REFINING BATH (Abr.tr.)	34	27
Zaytsev V.Ya., Vanyukov A.V., Kolosova V.S.		
REACTIONS BETWEEN IRON-SILICATE SLAGS AND Ni <sub>3</sub> S <sub>2</sub> -FeS OR Cu <sub>2</sub> S-FeS SULPHIDE SYSTEMS (Abr.tr.)	39	29
		(Contd)

Available from Scientific Information Consultants

IZVESTIYA AKADEMIYE NAUK SSSR, METALLY  
No 5, 1968

Okunev A.I., Barinov V.A. ELECTROTHERMAL REDUCTION OF ZINC-BEARING MATTES-SLAG MELTS (Abr.tr.)	46	33
Deryabin A.A., Popov S.I., Sabaurov L.N. NON-EQUILIBRIUM VALUES OF INTERFACIAL TENSION AND ADHESION IN A METAL-OXIDE SYSTEM (Abr.tr.)	51	37
Baum D.A., Gel'd P.V., Kocherov P.V., Ryss M.A. VISCOSITIES OF IRON, SILICON AND IRON-SILICON ALLOYS (Abr.tr.)	60	43
Svyazhin A.G., Vishnarev A.F., Yavoytsky V.I. DETERMINATION OF THE VAPOUR PRESSURE OF LIQUID IRON USING LEVITATION MELTING (Abr.tr.)	67	47
Kozlov V.A., Mikulinskiy A.S. MECHANISM OF THE SILICON REDUCTION OF CALCIUM OXIDE IN VACUUM (Abr.tr.)	74	52
Dubrovina A.S., Kuznetsov V.L., Ezakov V.I., Chirkov N.A., Kusakov L.N. INFLUENCE OF SALT ADDITIONS ON THE SPEED OF THERMIT-TYPE REDUCTIONS (Abr.tr.)	79	56
Vigdorovich V.N., Uvarova E.S. DISTRIBUTION OF IMPURITIES DURING CRYSTAL GROWING FROM THE MELT (Abr.tr.)	89	62
Ivanova R.V., Bel'skiy A.A. THE CONDITIONS FOR ELECTROMAGNETIC MIXING IN THE ZONE DURING ZONE MELTING OF METALS (Abr.tr.)	93	66
Chernyak A.S., Batsuyev A.A., Perepelitsa L.S. THE SULPHATION OF PYROCHLORITE AND TITANITE (Abr.tr.)	96	68
Pavlov I.M., Masterov V.A., Barykin N.P. THE INFLUENCE OF THE STRUCTURE OF A PACK ON THE ROLLING PARAMETERS	101	72
Prokof'yev V.I., Semenov V.A., Galitskiy V.P. THE SHAPE OF THE LOOP BETWEEN THE STANDS AND ITS TENSION DURING CONTINUOUS ROLLING (Abr.tr.)	103	74
Smirnov V.S., Grigor'yev A.K., Bobylev B.K. USE OF A DIGITAL COMPUTER IN SOLVING BY NUMERICAL METHODS TECHNOLOGICAL PROBLEMS IN THE PLASTIC DEFORMATION OF METALS (Abs.)	107	76
Trakhtenberg B.F., Kenis M.S., Shubina M.A. TEMPERATURE/FORCE DISTRIBUTION AND RELATION- SHIPS GOVERNING DIE WEAR IN HOT FORMING	111	77
Durnev V.D. DISLOCATION KINETICS AND SIMULATION IN THE DEFORMATION OF METALS BY PRESSURE (Abr.tr.)	117	81
Zhukov A.A., Epshteyn L.Z., Ogarev A.P., Tomas V.K., Ul'yanova B.Ya. STRUCTURAL FEATURES OF ALUMINIUM IRON WITH LAMELLAR OR SPHEROIDAL GRAPHITE (Abr.tr.)	123	84
Teykh V.A. INTERPHASE DISTRIBUTION OF NICKEL IN CAST IRON	130	89
Milinskaya I.N., Tomilin I.A. SOLUBILITY OF NITROGEN IN ALPHA-IRON (Abr.tr.)	132	91

(Contd)

Available from Scientific Information Consultants

Chertov V. M. THE (MECHANICAL) PROPERTIES OF CAST CONSTRUCTIONAL STEEL AFTER PRIOR DEFORMATION	136	95
Saranov A. A., Pomichev O. I. STRUCTURAL CHANGES DURING THE DEFORMATION AND ANNEALING OF CEMENTITE (Abr. tr.)	140	98
Bokshcheyn S. Z., Emel'yanova T. A., Kishkin S. T., Mirskiy L. M. CORRELATION BETWEEN THE CHEMICAL AND STRUCTURAL HETEROGENEITIES AND THE MECHANICAL PROPERTIES OF TITANIUM ALLOYS (Abr. tr.)	144	102
Tumanov V. I., Shechetilina E. A., Elmanova S. M., Serebrova O. I. STRUCTURE AND MECHANICAL PROPERTIES OF CAST AND SINTERED Co-WC ALLOYS (Abr. tr.)	152	107
Panov V. S., Meyerson G. A. TEMPERATURE DEPENDENCE OF THE STRENGTH AND HARDNESS OF WC-TaC-Co AND WC-NbC-Co ALLOYS (Abr. tr.)	160	109
Filimonenko V. N., Pivovarov B. Kh. STRUCTURAL CHANGES IN THE SURFACE LAYERS OF TUNGSTEN CARBIDE-COBALT HARD ALLOYS AFTER ELECTROSPARK TREATMENT	165	112
Kats A. M., Pikunov M. V., Bakhtiarov R. A. EFFECT OF CASTING CONDITIONS ON THE RECRYSTALLIZATION OF BRASS LS 63-3	169	115
Zimin N. V. RECRYSTALLISATION KINETICS OF BRASS L62 DURING RAPID INDUCTION HEATING	176	120
Epanchintsev O. G., Chistyakov Yu. D. THE FORMATION OF VACANCY PATTERNS ON THE SURFACE OF ALUMINIUM (Abr. tr.)	181	124
Kleyn G. A., Krakhmalev V. A. IMPURITY SEGREGATION AT THE INTERGRANULAR SURFACES OF MOLYBDENUM (Abs.)	186	127
Mirochnichenko I. S. FORMATION OF QUASI-EUTECTIC STRUCTURES IN Al-CuAl <sub>2</sub> ALLOYS	188	128
Matveyeva N. M., Nikitina S. V., Zezin S. B. INVESTIGATION OF THE QUASI BINARY SYSTEMS MnSn <sub>2</sub> -FeSn <sub>2</sub> , MnSn <sub>2</sub> -CoSn <sub>2</sub> AND FeSn <sub>2</sub> -CoSn <sub>2</sub> (Abr. tr.)	194	132
Rayevskiy I. I., Grigor'yev A. T. PHASE DIAGRAM OF THE Nb-Be SYSTEM (Abr. tr.)	198	134
Danilin V. N., Yatsenko S. P. USE OF THE E. M. F. METHOD TO IMPROVE THE ACCURACY OF THE Ga-Sn PHASE DIAGRAM (Abr. tr.)	203	137
Zarechnyuk O. S., Kolobnev I. F. X-RAY STRUCTURAL INVESTIGATION OF ALUMINIUM-RICH Y-Cu-Al ALLOYS (Abr. tr.)	208	140
Amonenko V. M., Pavlov V. S. PHASE TRANSFORMATIONS IN LANTHANUM (Abr. tr.)	212	142
SCIENTIFIC CONFERENCE ON INORGANIC CHEMISTRY, COMMEMORATING THE FIFTIETH ANNIVERSARY OF THE N. S. Kurnakov INSTITUTE OF GENERAL AND INORGANIC CHEMISTRY (Abs.)	215	143

Available from Scientific Information Consultants

Table of Contents

Page  
Orig. Trans.

Transactions of the Sixth All-Union Conference on Ferroelectricity

Theory

Group-theoretical investigation of some second-order phase transitions with change in the number of atoms in the unit cell - Yu.I.Sirotnin & L.M.Mikhel'son	178	161
Phase transitions from the point of view of thermodynamic stability - V.Dvořák & V.Janovec	183	165
On the electron-phonon nature of ferroelectric phase transformations - N.N.Kristofel' & P.I.Konsin	187	169
A model Hamiltonian for a ferroelectric crystal - V.T.Khozyainov	192	174
An "interband" theory of spontaneous polarization and ferroelectric phase transformations - I.B.Bersuker & B.G.Vekhter	199	180
On the possibility of a formal interpretation of spontaneous polarization as a consequence of ordered motion of electrons - I.S.Zheludev	204	184
Theory of electric induction waves in semiconducting ferroelectric crystals - M.S.Shur	207	187
Influence of free carriers on the infrared spectrum of a ferroelectric - R.E.Pasynkov	213	192
On the theory of the dielectric and optical properties of ferroelectrics of the oxygen octahedron type - L.B.Meisner & I.S.Rez	222	201
Theoretical possibilities for determining the sizes of Káznig regions - B.N.Rolov	227	205
Influence of Káznig regions on the dielectric properties of perovskite-type ferroelectrics - B.N.Rolov	232	211
Mechanism of dynamic polarization of BaTiO <sub>3</sub> -type ferroelectrics in the phase transformation region - V.V.Dem'yanov & S.P.Solov'ev	235	213

Spectroscopy

Structure of the H <sub>2</sub> PO <sub>4</sub> ion in a ferroelectric KH <sub>2</sub> PO <sub>4</sub> crystal - E.A.Popova & A.I.Stekhanov	243	221
On the molecular mechanism of the ferroelectric transition in crystals of the triglycine sulfate group - E.K.Galanov, L.D.Kislovskii, L.A.Shuvalov & N.R.Ivanov	246	224
Micromechanism of the ferroelectric transition in ammonium fluoroberyllate - I.P.Aleksandrova, K.S.Aleksandrov & L.I.Zherebtsova	251	228
NMR spectra of <sup>27</sup> Al and the phase transition in the ferroelectric CH <sub>3</sub> NH <sub>3</sub> Al(SO <sub>4</sub> ) <sub>2</sub> ·12H <sub>2</sub> O - I.S.Vinogradova & L.G.Falaleeva	254	231
Proton magnetic resonance and the nature of the spontaneous polarization in colemanite - N.I.Zavarzina & S.P.Gabuda	258	235
Nuclear magnetic resonance in the ferroelectric K <sub>4</sub> Ru(CN) <sub>6</sub> ·3H <sub>2</sub> O - A.G.Lundin, E.P.Zeer & S.P.Gabuda	261	237

(Contd)

Available from Columbia Technical Translations



Proton magnetic resonance in potassium hydroselenite - A.G.Lundin & V.N.Shcherbakov	264	240
Nuclear quadrupole resonance, calculation of electric field gradients in ferroelectric CsGeCl <sub>3</sub> , and nuclear magnetic resonance in some cesium-bearing perovskites - A.F.Volkov, V.I.Svergun, Yu.N.Venevtsev & G.K.Semin	266	242
Nuclear quadrupole resonance in antimony sulfoiodide and sulfobromide crystals - S.N.Popov, N.N.Krainik & I.E.Myl'nikova	271	247
Nuclear quadrupole resonance of <sup>75</sup> As in ferroelectric crystals of the KDA type - A.P.Zhukov, I.S.Rez, V.I.Pakhomov & G.K.Semin	274	250
Nuclear quadrupole resonance spectra of <sup>75</sup> As in some chalcogenides - E.A.Kravchenko, S.A.Dembovskii, A.P.Chernov & G.K.Semin	279	254

Physical Properties of Single Crystals

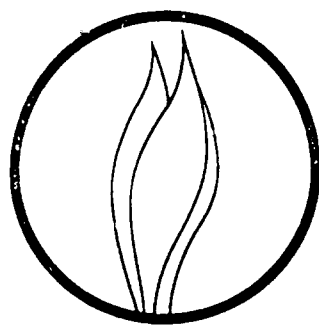
Electro-optical properties of perovskite-type ferroelectric crystals of complex composition - G.A.Smolenskii, A.A.Berezhnoi, N.N.Krainik & I.E.Myl'nikova	282	258
Temperature and wavelength dependence of the $r_{41}$ electro-optical coefficient of ADP and KDP crystals - O.G.Vlokh, L.F.Lutsiv-Shumskii & T.T.Lyubitskii	284	260
Optical absorption and defects in gamma-irradiated Rochelle salt crystals - E.V.Peshikov & D.N.Mukhterenov	287	263
Ferroelectric materials for optical applications - I.S.Rez	289	266
Dielectric properties of simple and deuterated lithium-thallium tartrates - B.Brezina, F.Smutny, J.Janosek & V.Marecek	297	273
Polarization and domain structure of KH <sub>2</sub> PO <sub>4</sub> crystals in static electric fields - V.V.Gladkii, I.S.Zheludev & E.V.Sidnenko	300	276
Dependence of the pyroelectric properties of some ferroelectrics on the conditions of preliminary poling - N.D.Gavrilova, V.K.Novik, V.A.Koptsik & S.V.Ivanova	306	281
Induced phase transformation in barium titanate single crystals - V.Z.Borodin & V.G.Kuznetsov	308	284
Dielectric polarization of PbMg <sub>1/3</sub> Nb <sub>2/3</sub> O <sub>3</sub> at frequencies from 10 <sup>-2</sup> to 10 <sup>5</sup> Hz - V.V.Kirillov & V.A.Isupov	313	288
On the role of dielectric viscosity in polarization switching processes in ferroelectric crystals - V.M.Rudyak	316	292
Concerning the determination of spontaneous polarization from hysteresis-loop measurements - I.Yanta, I.Mastner, Z.Malek, Ya.Shtreiblova & Ya.Velvarski	322	297
Electromechanical properties of barium titanate single crystals near the Curie point - L.K.Bunina & A.Yu.Kudzin	326	301
Anisotropy of ultrasound absorption in uniaxial ferroelectrics near the Curie point - K.A.Minaeva, A.P.Levanyuk & B.A.Strukov	328	304
Elastic and piezoelectric properties of doped SbSI crystals - L.M.Belyaev, V.A.Lyakhovitskaya & I.M.Sil'vestrova	331	306
Dielectric nonlinearity and domain structure of SbSI crystals - P.L.Zaks, R.E.Pasynkov, L.N.Syrkin & A.M.El'gard	338	312
Hydrothermal synthesis and ferroelectric properties of SbSI crystals - V.I.Popolitov, B.N.Litvin, A.N.Lobachev, V.A.Yurin & L.A.Agal'tsov	341	315

(Contd)

Available from Columbia Technical Translations

Nonlinear behavior of barium titanate single crystals in ultrahigh frequency fields - I.V.Ivanov & N.A.Morozov	344	317
On the existence of a critical point for ferroelectric SbSI - T.R. Volk, E.I.Gerzanich & V.M.Fridkin	346	319
Thermodynamic characteristics of the ferroelectric phase transition in triglycine sulfate at high pressure - G.G.Leonidova & N.P.Netesova	351	323
Radiation-induced phase transitions in BaTiO <sub>3</sub> -type ferroelectrics - I.I.Kuz'min, S.P.Solov'ev & V.V.Zakurkin	354	326
Thermal conductivity of triglycine sulfate type crystals near the order-disorder phase transition - E.N.Dimarova & Yu.M.Poplavko	361	332
Calorimetric study of the phase transition in Sb <sub>2</sub> S <sub>3</sub> - T.A.Pikka & V.M.Fridkin	364	335
Heat conductivity of potassium dihydrophosphate near the Curie point - D.B.Linskii, E.I.Ponomarenko & E.V.Sidnenko	365	337
Mechanism of the frost method of revealing p-n junctions, p and n regions, and domain structure in low-temperature ferroelectrics - S.D.Toshev, I.G.Amov & N.P.Ivanchev	368	339
Defects in triglycine sulfate crystals - V.P.Konstantinova, V.F.Minkov & V.M.Maksimov	371	342
Effect of a constant electric field on repolarization processes in BaTiO <sub>3</sub> single crystals in sinusoidal electric fields - E.V. Sinyakov & E.F.Dudnik	376	347
Defects and domain structure in BaTiO <sub>3</sub> single crystals - E.P.Guenok, A.Yu.Kudzin & S.F.Levchenko	379	350

Available from Columbia Technical Translations



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	Russian page	English page
Recombination Luminescence in KI-Tl Phosphor. I. A. Parfianovich and V. G. Krongauz . . . . .	7	1
Optical Absorption of Polycrystalline Films of Zinc Telluride, Cubic Modification. K. V. Shalimova, I. Spinulescu-Carnaru, and N. V. Pirogova . . . . .	12	6
Electrical Conductivity and Optical Absorption of Polycrystalline Films of Zinc Telluride, Hexagonal Modification. K. V. Shalimova, I. Spinulescu-Carnaru, and N. V. Pirogova . . . . .	17	9
Behavior of Energy Levels and Absorption Bands of Mono- substituted Benzene with Variation in the Parameters. O. A. Ponomarev . . . . .	21	11
Some Observations on Models of Absorption Spectra. V. E. Zuev and S. D. Tvorogov . . . . .	25	14
Electrical Conductivity Characteristics of Soda-Lime-Silicate Glasses in Strong Electrical Fields after Gamma Irradiation. A. I. Siryak . . . . .	31	18
On the Theory of Collective Motion in a System of Interacting Particles. R. M. Yul'met'ev . . . . .	36	21
Diffusion of Aluminum in the Iron-Bronze Binary System. E. P. Ponomarenko . . . . .	45	26
Checking Heat Treatment of Ferromagnetic Components by the Eddy Current Method. R. E. Ershov . . . . .	52	30
Measurement of Specimen Permittivity Using a Waveguide Bridge. N. G. Shcheglov . . . . .	62	36
On the Simplification of the Technique for Calculating the Envelope of Trajectories of Particles in Accelerators. Yu. Ya. Lembra . . . . .	65	38
Theory of Ordering of Ternary Substitutional Solid Solutions. V. P. Fadin, G. G. Minaeva, and V. E. Panin . . . . .	70	41
Available from The Faraday Press, Inc.		(Continued)

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# Contents (cont'd)

	Russian page	English page
Radiation from a Train of Charges Passing through a Cylindrical Resonator. G. P. Fomenko . . . . .	79	46
Effects of X-Rays on Electrophysical Properties of Germanium and of Germanium p-n Junctions. II. Electrophysical Properties of Germanium under Hard X-Ray Irradiation. M. A. Krivov and S. V. Malyanov . . . . .	84	49
On the Parametric Description of an Inhomogeneous, Optically Dense Plasma. I. The Dispersion Shape of a Spectral Line. N. G. Preobrazhenskii and G. A. Kolobova . . . . .	88	52
On the Parametric Description of an Inhomogeneous, Optically Dense Plasma. II. The Doppler Shape of a Spectral Line. N. G. Preobrazhenskii and G. A. Kolobova . . . . .	92	55
The Problem of Photographic Methods of Investigating the Mechanism of Creepage in Liquids. V. Ya. Ushakov . . . . .	96	58
Investigation of the Electrical Conductivity of Powdered Dielectrics. Ya. I. Panova . . . . .	101	61
Energy Spectra of Electrons in a Crystal. Part IX. Characters of the Weight Corepresentations of the Point Groups $D_{2h}$ , $D_{4h}$ , and $D_{6h}$ . N. V. Kudryavtseva and V. A. Chaldyshev . . . . .	108	66
Effect of Gamma Radiation on the Dielectric Properties of Quartz. G. I. Potakhova . . . . .	110	71
Friction of Synthetic Corundum and Silicon Carbide on Hardened ShKh15 Steel. V. N. Kashcheev and V. M. Glazkov . . . . .	114	74
Effect of Roentgen Radiation on Germanium and Germanium p-n Junctions. III. The Action of X-Rays on Germanium p-n Junctions. M. A. Krivov and S. V. Malyanov . . . . .	118	76
Determination of the Optical Characteristics of Thin Film Coatings. II. I. A. Tekucheva . . . . .	122	79
Phonons in Films. B. A. Tavger and V. Ya. Demikhovskii . . . . .	130	84
The Effect of the Excitation Density on the Radioluminescence of Single Crystals of ZnS-Ag. Part I. V. S. Bezel and F. F. Gavrilov . . . . .	138	89
The Calculation of Some Coulomb and Noncoulomb Sums for a Wurtzite-Type Lattice. V. F. Konusov and L. A. Brysneva . . . . .	142	92
On Relativistic Wave Equations. V. S. Tumanov . . . . .	151	99
Brief Communications and Letters to the Editor		
The Hall Effect (Laboratory Experiment). K. K. Bogma and M. I. Skrebneva . . . . .	159	104
The Nature of the Rectifying Properties of a Metal-SiC Contact. I. K. Vereshchagin and A. S. Kirichuk . . . . .	160	105
The "Polyelectret" Effect in Single Crystals of Potassium Bromide. V. R. Tikhomirov . . . . .	162	106
Stored-Energy Kinetics in Alkali Halide Crystals after Proton Bombardment. E. K. Zavadovskaya, A. V. Kuz'mina, E. M. Golovchanskii, and V. G. Vakhromeev . . . . .	163	107
Heat of Formation of Solid Solutions and the Energy Stored in Them under Proton Bombardment. E. K. Zavadovskaya, A. V. Kuz'mina, and E. M. Golovchanskii . . . . .	165	108
Charged Oscillator in a Magnetic Field. V. M. Dubner . . . . .	167	109
The Isobar of a Real Gas. V. A. Yurkov and Z. G. Ivashchenko . . . . .	169	110
Magnetic Characteristics of Yttrium-Gallium and Yttrium-Gallium-Gadolinium Ferrites. G. A. Petrakovskii and V. F. Litovchenko . . . . .	171	111
Effect of Fabrication Conditions on the Physical Parameters of the Base of a Planar Silicon Diode. U. M. Kulish and S. A. Zaidman . . . . .	173	113
Quantum Absorption of Light in Transition Metals. F. A. Abramskii . . . . .	174	114
Evaluation of Some Effective Cross Sections for Collisions of the Second Type between Metastable Helium Atoms and Atoms of Neon. V. V. Kokhanenko, N. A. Prilezhaeva, and L. A. Chernenko . . . . .	175	115
Calculation of the Band Structure of Gallium Arsenide by the Pseudo-Potential Method. A. S. Poplavnoi and V. A. Chaldyshev . . . . .	177	116
Parameters of Probabilistic Processes Obeying the Exponential Law. V. Ya. Gavrik . . . . .	179	117

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# COLLOID JOURNAL

of the USSR

A translation of *Kolloidnyi Zhurnal*

Volume 30, Number 2

March-April, 1968

## CONTENTS

	Engl./Russ.
The Seventieth Birth Day of Boris Aristarkhovich Dogadkin . . . . .	123 171
The Electrostatic Component of Adhesion of Dielectric Particles to a Metal Surface - I. N. Aleinikova, B. V. Deryagin, and Yu. P. Toporov . .	124 177
Adsorption of Ammonia on Coarse-Pored Silica Gel - B. G. Aristov, S. P. Dzhabadov, and A. V. Kiselev . . . . .	133 183
Mechanism of Foam-Dust Interaction - A. A. Balakirev and V. K. Tikhomirov . .	139 191
Influence of the "Structure" and Surface Nature of Carbon Blacks on the Rate of Formation of Coagulation Structures in Hydrocarbon Media - G. M. Bartenev, N. M. Lyalina, and N. N. Lezhnev . . . . .	142 194
Definition of the Concepts "Capillary Pressure" and "Height of Capillary Rise of Liquid" in Porous Bodies - M. A. Bukhbinder . . . . .	146 199
Durability of Adhesive Bonds between Metals and Epoxy Resin Compositions under the Influence of Electrolyte Solutions - É. É. Virlich and N. A. Krotova . . . . .	150 204
Influence of Peat-Alkali Reagent on Structure Formation in Aqueous Clay Suspensions - M. P. Volarovich, I. I. Lishtvan, and N. M. Mamedova . . . .	155 210
Rheological Properties of Solutions of Polybutyl Methacrylate in Butyl Methacrylate - D. N. Emel'yanov, A. A. Trapeznikov, N. A. Shabalina, and T. G. Basova . . . . .	160 216
Dependence of the Adsorption of Nitrogen, Argon, and Oxygen on Rutile on the Temperature of Vacuum Calcination of the Specimen - A. A. Isirikyan and I. A. Kazmenko . . . . .	163 220
Mathematical Modeling of Periodic Chromatographic Zones in Precipitates - P. I. Kaushanskaya and I. B. Tsesarskit . . . . .	169 228
Investigation of the Sintering of Industrial Silica Gel - A. V. Kiselev, Yu. S. Nikitin, and É. B. Oganesyian . . . . .	172 232
Influence of the Molecular Weight and of the Molecular Weight Distribution of Polyisobutylenes on the Rheological Properties of their Solutions in Mineral Oils - G. I. Kichkin . . . . .	177 238
Strength Properties of Pyridine Rubber Vulcanizates Containing Both Covalent and Coordinate Bonds - E. P. Kopylov, É. G. Lazaryants, and V. G. Épshtein . . . . .	182 244
Influence of Temperature on the Surface Activity of Soaps of Saturated Carboxylic Acids in Aqueous Solutions - N. Z. Kostova, Z. N. Markina, P. A. Rebinder, and A. E. Kuz'mina . . . . .	186 249
Structure of Polymer-in-Polymer Dispersions - V. N. Kuleznev, B. A. Dogadkin, and V. D. Klykova . . . . .	190 255
Vibrational Conveying of Structurized Disperse Systems under the Influence of Multifrequency Vibrations - B. A. Lishanskii and N. V. Mikhailov . . . .	192 258 (Contd)

Available from Consultants Bureau

(continued)

	Engl./Russ.	
Quasi-Spontaneous Emulsification at the Interface between Two Liquids in Presence of Surface-Active Substances - S. A. Nikitina and O. S. Mochalova. ....	197	264
Influence of Amorphous Fluctuation Networks on the Characteristics of Jet Flow of Solutions of Amphiphilic Copolymers - Yu. N. Panov, S. A. Agranova, and S. Ya. Frenkel' . . . . .	201	269
Influence of Surface-Active Substances on Stability of Lyophobic Sols. Investigation of the Dependence of Stabilization of a Colloidal Silver Iodide Solution on the Temperature and the Nature of the Coagulant Electrolyte - I. P. Sapon and Yu. M. Glazman. ....	205	274
Thermodynamics of Liquid Crystals - V. K. Semenchenko and N. V. Kuznetsova. .	208	279
Microstructure of Polyurethane Foams - O. G. Tarakanov and G. S. Zaspink . . .	212	284
Sorption of Surface-Active Substances by Inorganic Precipitates. Influence of Electrolyte Concentration on Sorption of Petrov Catalyst and OP-7 by Hydroxide, Sulfide, and Phosphate Collectors - B. N. Khrustalev, V. V. Pushkarev, and N. V. Dranitsyna. ....	214	286
Solubilization of Hydrocarbons of Various Types in Aqueous Solutions of a Biologically Active Semicolloid, Sodium Cholate - N. N. Tsikurina, Z. N. Markina, G. A. Chirova, and P. A. Rebinder . . . . .	219	292
Wettability of Carbon Blacks by Water and Solutions of Surface-Active Agents - B. Ya. Yampol'skii and N. N. Lezhnev . . . . .	224	299
Determination of the Dynamic Shape Factor and Apparent Density of Nonspherical Aggregated Particles in Aerosols Containing a Solid Disperse Phase - A. T. Litvinov . . . . .	228	304
LETTERS TO THE EDITOR		
Formation of Droplets of Anomalous Water on a Flat Quartz Surface - B. V. Deryagin, Z. M. Zorin, and N. V. Churaev. ....	232	308

The Russian press date (podpisano k pechat) of this issue was 3/19/1968.  
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Volume 30, Number 3

May-June, 1968

## CONTENTS

	Engl./Russ.
Interaction of Foams with n-Valeric Acid - A. A. Balakirev and V. K. Tikhomirov. . . . .	235 315
Investigation of Brownian Movement in Non-Newtonian Liquids with the Aid of the Mössbauer Effect - Tsv. Bonchev, B. Manushev, and B. Kostadincheva. . . . .	238 319
Proton Magnetic Resonance in a Vermiculite Single Crystal - A. G. Brekhunets, V. V. Mank, I. V. Matyash, F. D. Ovcharenko, and Yu. I. Tarasevich. . . . .	242 324
Conditions for Floating of a Multilayer Disperse Body on the Surface of a Liquid Confined between Solid Walls - M. A. Bukhbinder and P. L. Aron. . . . .	246 329
Influence of Certain Chemical Additives on Structure Formation in Peat - G. P. Viryasov and I. I. Lishtvan. . . . .	251 335
Mechanism of Water Flow through Cellophane Membranes - V. D. Volgin, Yu. I. Dytnerskii, and A. N. Planovskii. . . . .	256 342
Influence of Certain Polymer Properties on Production of Artificial Aqueous Dispersions - L. P. Gustova, D. M. Sandomirskii, B. A. Dogadkin, and G. N. Zachesova. . . . .	261 348
Interaction of Surface Hydroxyl Groups on Silica with Molecules of Water and Alcohols - V. Ya. Davydov and A. V. Kiselev. . . . .	265 353
Dehydration Temperatures of Polyethylene Oxides in Aqueous Electrolyte Solutions - B. I. Dashevskaya, M. Kh. Gluzman, and G. M. Fridman. . . . .	270 359
The Action of Ultrasound on Disperse Systems - P. A. Egorov. . . . .	273 363
Monomer Emulsions Thickened by Bentonites - V. D. Enal'ev, B. T. Iapan, and L. V. Gurenko. . . . .	275 366
Observation of Stepped Films of Water on the Surface of Quartz in Polarized Light - Z. M. Zorin and N. V. Churaev. . . . .	279 371
Investigation of the Mechanism of Structure Formation in Filled Polyesters - P. I. Zubov, M. R. Kiselev, and I. A. Sukhareva. . . . .	282 375
Nature of the Supersaturated Solutions Formed during Hydration of $\beta$ -Dicalcium and Tricalcium Silicates - B. F. Keshelava, E. P. Andreeva, and P. A. Rebinder. . . . .	286 379
Influence of the Surface Chemistry of Adsorbents and Fillers on Adsorption of Polymers. Adsorption from Solutions of Polyvinyl Acetate and Polyalkyl Acrylates on Silicas - A. V. Kiselev, V. I. Lygin, I. N. Solomonova, D. O. Usmanova, and Yu. A. Él'tekov. . . . .	291 386
Development of Disperse Structures in Models of Petroleum Bitumens - A. S. Kolbanovskaya. . . . .	296 393
Influence of Magnesium Sulfate on the Strength of Highly Disperse Fine-pored Magnesium Oxide and Hydroxide Structures - S. I. Kontorovich. . . . .	300 399
Packing of Graphite Particles under the Influence of Vibrations - Yu. A. Liberman and N. V. Mikhailov. . . . .	304 404 (Contd)

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# CONTENTS

(continued)

Engl./Russ.

Adsorption of Hydrocarbons on Clay Minerals. Adsorption of Benzene - F. D. Ovcharenko, F. A. Belik, and Yu. I. Tarasevich . . . . .	307	408
Surface-active Properties of Certain Dioctyl Esters of Sulfosuccinic Acid - S. V. Rudenko, K. O. Averbakh, O. K. Smirnov, and S. M. Levi . . . . .	312	414
Effects of Glycerol and Paraffin on the Structure and Properties of Lithium and Sodium Greases - V. V. Sinitsyn, E. V. Aleeva, and B. N. Kartinin . . . . .	314	417
Dynamic-Optical Properties of Polyvinyl Alcohol Gels - V. V. Speranskii and L. S. Gembitskii . . . . .	318	423
Electron Microscope Study of the Structure of Fluorocopolymer Latex Films - Z. M. Ustinova, G. R. Mazina, L. M. Latsko, N. M. Fodiman, R. M. Panich, S. S. Voyutskii, and D. P. Trofimovich . . . . .	325	432
Investigation of the Thixotropy of Structurized Dispersions with Low Contents of Disperse Phase - V. A. Fedotova, Kh. Khodzhaeva, and P. A. Rebinder . . . . .	328	435
Influence of Solubilized Hydrocarbon Additives on the Rheological Properties of Aqueous Solutions of a Biologically Active Semicolloid, Sodium Cholate - N. N. Tsikurina, Z. N. Markina, and G. A. Chirova . . . . .	333	443
Adsorption of d- and dl-sec-Butylamine and Benzene on Titanogels - A. F. Sholin, V. V. Patrikeev, A. E. Agronomov, and A. A. Balandin . . . . .	338	450
Colloid-chemical Factors in Pearl Polymerization of Vinyl Monomers. Assessment of the Effectiveness of Stabilization of a Polymerizing Macroemulsion - A. I. Yurzhenko, I. A. Andor, and N. N. Zayats . . . . .	342	455
Centrifugal Method of Inductive Unipolar Electrification in Formation of Aerodisperse Systems - V. F. Dunsksii and K. A. Krishtof . . . . .	347	461
Methods of Investigating the Chemical Resistance of Ion Exchangers to Radiation - A. M. Semushin, I. A. Kuzin, and I. A. Galitskaya . . . . .	351	466

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Volume 30, Number 4

July-August, 1968

## CONTENTS

	Engl	Russ.
Some Energy Aspects of Adsorption at Liquid-Liquid Interfaces - A. A. Abramzon and E. E. Malakhova . . . . .	355	475
Desorption of a Surfactant from a Monolayer at a Water-Air Interface by a Drop of Solvent - R. A. Avetisyan and A. A. Trapeznikov . . . . .	358	480
Investigation of the Dependence of Plasticity of the Clay-Water System on the Concentration of the Disperse Phase - A. A. Bagrov . . . . .	362	486
Interaction of Foams with Certain Liquids - A. A. Balakirev and V. K. Tikhomirov . . . . .	366	490
Electrophoretic Mobility and Interaction of Particles - E. E. Bibik, I. S. Lavrov, and O. M. Merkushev . . . . .	369	494
Investigation of the Sorption of Counter Ions during Coagulation of Lyophobic Sols by Mixed Electrolytes - A. A. Baran, Yu. M. Glazman, A. I. Korsunskaya, and D. N. Strazhesko . . . . .	371	496
Kinetics of Breakdown of Electrolyte Foams - V. G. Gleim, V. Ya. Khentov, and M. M. Bashkirov . . . . .	376	503
Stabilization of Styrene Monomer and Prepolymer Drops in Aqueous Solutions of Partially Acetylated Polyvinyl Alcohols - E. V. Gromov, N. Ya. Kozarinskaya, M. V. Ostrovskii, A. A. Abramzon, L. F. Dokukina, R. Kh. Barenbaum, E. I. Egorova, L. Ya. Kremnev, V. V. Gromov, and R. S. Muravnik . . . . .	380	508
Adsorption of Dinonyl Phthalate from a Hydrocarbon by Natural Adsorbents - V. I. Ezdakov, L. D. Yablochkina, and N. A. Urmanova . . . . .	383	513
Adhesion Numbers in Detachment of Polydisperse Particles - A. D. Zimon . . . . .	386	517
Influence of Solid Paraffins on the Structural and Rheological Properties of Bitumens - A. S. Kolbanovskaya and A. V. Rudenskii . . . . .	390	522
Some Aspects of the Theory of Drop Evaporation and Growth - I. Ya. Kolesnik . . . . .	394	527
Strength Properties of Unfilled Vulcanizates Made from Butyl Rubbers of Different Structures - N. A. Krasnoshchekova and A. L. Zaides . . . . .	399	533
Dependence of the Specific Tear Energy of Carbon Black Vulcanizates on the Temperature and Tearing Rate - A. I. Lukomskaya, B. A. Dogadkin, and E. M. Upolovnikova . . . . .	403	539
Electric Discharge Effects in Freshly Formed Sodium Sulfate Crystals - D. M. Mambetov, Z. Kh. Gubaidullin, and S. Khalmurzaev . . . . .	408	546
Metallopolymers Made by the Thermal Method from Polystyrene and Colloidal Metal Particles - E. M. Natanson, Z. R. Ulberg, F. E. Davilenko, and G. P. Prikhod'ko . . . . .	413	551
Some Aspects of the Thermodynamics of Cation Exchange in Soils - G. V. Nemirov, M. B. Minkin, T. P. Dukhnina, and M. S. Ostrikov . . . . .	417	558
Shrinkage Stresses and Deformation of Condensation Structures in Acetylcellulose. The System Acetylcellulose-Diethylene Glycol Ethyl Ether - M. S. Ostrikov, A. V. Strizhakova, N. A. Abaturova, and I. N. Vlodavets . . . . .	420	562 (Contd.)

Available from Consultants Bureau

(continued)

Engl./Russ.

Stabilization of Concentrated Emulsions under Conditions of Transfer of a Surface-Active Emulsifier through the Interface - V. N. Prigorodov, S. A. Nikitina, and A. B. Taubman . . . . .	424	569
The Theory of Dispersion. 1. Thermodynamics of Monodisperse Systems - A. I. Rusanov, E. D. Shchukin, and P. A. Rebinder . . . . .	428	573
Mechanism of Mutual Flocculation of Particles Differing in Size - V. D. Samygin, A. A. Barskii, and S. M. Angelova . . . . .	435	581
Surface Tension Isotherms of Mixed Solutions of Ionic and Nonionic Surfactants - T. S. Solov'eva, L. V. Eremina, and R. M. Panich . . . . .	440	587
Surface Properties of Quartz - G. S. Strel'tsyn . . . . .	444	592
Kinetics of Absorption of an Aqueous Aerosol by Solution Surfaces - M. V. Tovbin and D. F. Datsenko . . . . .	448	596
Influence of the Nature of the Solvent on the Electrical Conductivity of Polymer (Pentaerythritol Phthalate) Solutions - A. A. Trapeznikov and G. G. Petrzhek . . . . .	452	602
Investigation of the Sol-Concentration Effect - Yu. M. Chernoberezhskii, A. I. Yanklovich, and A. B. Zel'tser . . . . .	457	608
Influence of Solubilization of Hydrocarbons on the Rheological Properties of Aqueous Solutions of Sodium Soaps of Saturated Acids at Various Temperatures - A. V. Chinnikova, Z. N. Markina, and N. Z. Kostova . . . . .	461	613
Investigation of Solubilization of Natural Resins and Synthetic Macromolecular Compounds - N. P. Shpenzer, Yu. A. Krylatov, and S. L. Talmud . . . . .	467	620
LETTER TO THE EDITOR		
Influence of the Nature of the Dispersion Medium on the Rheological Properties of Acrylonitrile - Methyl Acrylate Copolymer - A. I. Krashennnikov, É. I. Petrov, and R. A. Malakhov . . . . .	471	625
CHRONICLE		
Symposium on Rheology - A. Ya. Malkin and V. N. Kuleznev . . . . .	472	627

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# COLLOID JOURNAL

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Volume 30, Number 5

September-October, 1968

## CONTENTS

Engl./Russ.

Petr Aleksandrovich Rebinder (On His Seventieth Birthday) . . . . .	475	635
Complete Rheological Characteristics of Thixotropically Strengthened Structures in Dilute Aqueous Bentonite Suspensions—V. A. Fedotova and P. A. Rebinder . . . . .	483	644
Condensation Structures of Acetylcellulose—N. A. Abaturova, I. N. Vlodavets, and P. A. Rebinder . . . . .	492	656
Theory of the Rheological Properties of Quasi-Solid Disperse Structures. Rheological Properties of Structurized Suspensions—G. M. Bartenev and N. V. Ermilova . . . . .	496	662
Influence of Exchange Ions on the Physicochemical Properties and Structure Formation of Hydromica in Aqueous Dispersions—G. R. Vagner, Yu. I. Tarasevich, S. P. Nichiporenko, N. N. Kruglitskii, and A. A. Govorov . . . . .	502	669
Influence of Ultrasound on Structure Formation in Aqueous Dispersions of Kaolinite and Bentonite Clays—M. P. Volarovich, I. I. Lishtvan, N. M. Mamedova, and A. I. Yashchenko . . . . .	508	677
Diffusion on Crystal Surfaces in Relation to Their Real Structure—Ya. E. Geguzin and Yu. S. Kaganovskii . . . . .	511	681
Internal Stresses in Porous Structures of Magnesium Hydroxide and Calcium Sulfate Dihydrate, and Their Influence on Strength—S. I. Kontorovich, Zh. G. Malikova, E. A. Shabanova, and E. D. Shchukin . . . . .	518	691
Electron-Microscopic Investigation of Particles of New Phases Formed from Metastable Aqueous Solutions of Polyvinyl Alcohol and Polyvinyl Formal —G. N. Kormanovskaya, É. I. Evko, V. V. Churakov, V. M. Luk'yanovich, and I. N. Vlodavets . . . . .	522	696
Formation of Coagulation Structures of Modified Palygorskite in an Aqueous Medium—N. N. Kruglitskii, F. D. Ovcharenko, S. V. Bondarenko, S. V. Barshehevskaya, N. S. D'yachenko, and N. V. Vdovenko . . . . .	526	701
Mutual Reinforcement Effect in Polymer Mixtures—V. N. Kuleznev, V. D. Klykova, and B. A. Dogadkin . . . . .	531	707
Hydration Kinetics in Hardening of Mineral Cements in Presence of Quartz Aggregate—T. Yu. Lyubimova . . . . .	536	713
Kinetics of Dispersity Variation during Hardening of Mineral Cements in Presence of Quartz Aggregate—T. Yu. Lyubimova and P. A. Rebinder . . . . .	542	721

(Contd)

Available from Consultants Bureau

(continued)

Engl./Russ.

Kinetics of Formation of Coagulation Structures in Dispersions of Carbon Blacks in a Hydrocarbon Medium—N. M. Lyalina, N. N. Lezhnev, and B. Ya. Yampol'skii . . . . .	549	730
The Theory of Dispersion. 2. Dispersion in Vacuo—A. I. Rusanov, F. M. Kuni, E. D. Shchukin, and P. A. Rebinder . . . . .	553	735
The Theory of Dispersion. 3. Dispersion in a Liquid Medium—A. I. Rusanov, F. M. Kuni, E. D. Shchukin, and P. A. Rebinder . . . . .	561	744
Physicochemical Characteristics of Hardening of Magnesium Oxide Cement. The Kinetics of Formation of Disperse Hardening Structures by the Interaction of Magnesium Oxide with Magnesium Chloride in an Aqueous Medium —E. S. Solov'eva, B. I. Smirnov, E. E. Segalova, and P. A. Rebinder . . . . .	570	754
Influence of Calcium Chloride on Chemical Interaction in Aqueous Suspensions of Tricalcium Aluminate—N. P. Stukalova and E. P. Andreeva . . . . .	575	761
Mechanism of Breakdown of Disperse Structures by the Simultaneous Action of Vibration and Addition of Surface-Active Substances—N. B. Ur'ev and N. V. Mikhailov . . . . .	580	767
Adsorptional Lowering of Hardness and Its Influence on Contact between Solid Surfaces in a Liquid Medium—G. I. Fuks and I. B. Gantsevich . . . . .	585	774
Influence of Additions of Solubilized Hydrocarbons on the Rheological Properties of Aqueous Sodium Oleate Solutions at Various Temperatures —A. V. Chinnikova, Z. N. Markina, and P. A. Rebinder . . . . .	592	782
LETTERS TO THE EDITOR		
Adhesion of Microparticles in Polymer Solutions—E. D. Yakhnin, É. I. Averbakh, and A. B. Taubman . . . . .	596	788

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# COLLOID JOURNAL

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November-December, 1968

## CONTENTS

	Engl./Russ.
Dependence of Surface Tension on Temperature - A. A. Abramzon and Yu. B. Moiseeva . . . . .	599 795
Influence of the Nature of the Protective Substance in Latex on the Colloid-Chemical Properties of Carbon Black-Latex Mixtures - E. A. Aleksandrova, D. M. Sandomirskii, and B. A. Dogadkin . . . . .	603 800
Nature of the Aggregation Stability of Colloidal Solutions. Present State of the Problem and Some Routes of Its Future Development - V. M. Barboi, Yu. M. Glazman, and G. I. Fuks . . . . .	606 804
Influence of Filler Particle Shape on the Kinetics of Structure Formation in Polymer Solutions - V. N. Borodina, S. N. Tolstaya, and A. B. Taubman . . . . .	611 811
Influence of an Alternating Electric Field on Light Absorption in Clay Suspensions - A. M. Gutkin and E. A. Shcherbakova . . . . .	614 815
A Note on Non-local Rules of Solution-Surface Layer Equilibrium Diagram - V. T. Zharov, A. I. Rusanov, and S. A. Levichev . . . . .	617 819
Influence of the Conditions of Formation of Polyester Coatings on Their Supermolecular Structure and Properties - P. I. Zubov, M. R. Kiselev, and L. A. Sukhareva . . . . .	623 827
Formation of Ultrathin Aluminum Hydroxide Films at the Sol-Air Interface - N. M. Kim and S. G. Mokrushin . . . . .	626 831
Investigations of Fibrous Aerosol Filters. Diffusional Deposition of Aerosols in Fibrous Filters - A. A. Kirsh and N. A. Fuks . . . . .	630 836
Investigation of the Pore Structure of Adsorbents Formed by Hydrothermal Treatment of Commercial Silica Gel - A. V. Kiselev, Yu. S. Nikitin, A. I. Sakharov, and É. B. Oganesyan . . . . .	635 842
Kinetics of Ion Exchange Sorption of Tetramethyloctylbenzene Sulfonate Ions and Micelles by ÉDÉ-10P Anion Exchange Resin - A. I. Koganovskii and N. A. Klimenko . . . . .	640 847
Influence of Additions of Polyvinyl Alcohol on Structure Formation in Aqueous Dispersions of Clay Minerals - L. E. Kuznetsova and N. N. Serb-Serbina . . . . .	644 853
Surface Properties of Polyvinyl Formals - R. A. Kul'man, I. N. Vlodavets, A. I. Éterman, and T. F. Nikulina . . . . .	649 860
Influence of Added Macromolecular Substances on Precipitation of Calcium Sulfate - O. V. Neiman and M. I. Belikova . . . . .	651 863
Some Colloidal Characteristics of Salts of Monohydroperfluoroalkanoic Acids - A. F. Nikolaev, T. N. Zelenkova, R. M. Panich, G. R. Mazina, R. A. Nesynova, and K. V. Belogorodskaya . . . . .	654 867
Shrinkage Stresses and Deformations of Condensation Structures of Acetylcellulose. The System Acetylcellulose-Dioxane-Water - M. S. Ostrikov, A. V. Strizhakova, N. A. Abaturova, and I. N. Vlodavets . . . . .	657 871

(Contd)

Available from Consultants Bureau

Adsorption of Carboxymethylcellulose and Aliphatic Amines on Salt and Clay Minerals - M. M. Pavlyuchenko, Kh. M. Aleksandrovich, É. E. Litvinenko, and A. P. Medvedeva . . . . .	660 875
Microrheology of Disperse Systems and Polymers. Calculation of the Stress Tensor of a Suspension of Rigid Ellipsoids - V. N. Pokrovskii . . . . .	664 881
Adsorption of Water Vapor on Cation-Substituted Montmorillonite - Yu. I. Tarasevich, V. M. Valitskaya, and F. D. Ovcharenko . . . . .	671 889
Influence of a Wave on the Ability of Monolayers of Oxyethylated Octadecanols to Lower the Rate of Evaporation of Water - A. A. Trapeznikov and R. A. Avetisyan . . . . .	677 897
Influence of Surfactants on Structure Formation in Mineral - Polymer Dispersions - E. D. Yakhnin, Yu. V. Egorova, A. B. Taubman, and É. N. Shkol'nikova . . . . .	682 904
Luminescence Method for Determination of Porosimetric Curves - Yu. B. Mekler . . . . .	685 908
 CHRONICLES	
Sixth (Jubilee) All-Union Conference on Colloid Chemistry - G. I. Fuks . . . . .	688 911
Summary of the Symposium on Mechanochemistry and Mechanoemission - B. V. Deryagin, N. A. Krotova, and Yu. A. Khrustalev . . . . .	692 914
USSR National Committee on Surfactants - B. P. Kotel'nikov . . . . .	695 916
 INDEX	
Author Index, Volume 30, Numbers 1-6, 1968 . . . . .	699
Table of Contents, Volume 30, Numbers 1-6, 1968 . . . . .	703

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# SPACE BIOLOGY AND MEDICINE

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CONTENTS	PAGE
V. I. Lenin: Problems in Natural Science and Space Exploration (N. A. Agadzhanian, V. I. Fofanov).....	1
Physiochemical Methods for Producing Formaldehyde for Carbohydrate Synthesis in Life-Support Systems (M. A. Lobanova, Yu. Ye. Sinyak).....	11
ORIGINAL ARTICLES	
Effect of Synthetic Carbohydrates on Growth and Toxin Formation of Type-A Cl. Perfringens (G. F. Shemanova).....	27
Effect of Prolonged Hypothermia on Content of Ammonia, Glutamine and Amide Groups of Total Proteins in Large Hemispheres of Rats (L. M. Slez).....	33
Effect of Gas Medium on Body Tolerance to Low Temperatures (I. P. Shcherbachev).....	39
	(Contd)

Available from JPRS 49928

Proliferative Activity of Bone Marrow in Dogs During Chronic $\gamma$ -irradiation (T. M. Zukhbaya).....	45
Effect of Different Decompression Rates on Altitude Tolerance of Rats (A. V. Sergiyenko).....	51
Toxicology of Some Polymers (V. D. Yablochkin).....	59

#### SPACE MEDICINE

Basic Principles for Development of Acceleration Training Schedules (V. I. Stepantsov, A. V. Yeregin).....	72
Effect of Diet Containing Destroyed Cells of Unicellular Algae on Composition of Enteric Microflora (V. M. Shilov, et al.).....	83
Food Ration for Spaceship Crews for Flights Lasting One Month (V. P. Bychkov, P. P. Ivanov).....	89
Effect of Electrical Stimulation of Lower Extremity Muscles on Increased Orthostatic Tolerance (B. B. Yegorov, et al.).....	96
Alveolar Ventilation and Pulmonary Circulation Under the Influence of Negative Pressure on the Lower Body (A. M. Genin, et al.).....	102

#### METHODS

A Method for Continuous Registry of Bioelectric Activity of the Anterior and Posterior Spinal Cord Nerve Roots in Dogs (S. A. Skuratova, V. S. Oganov).....	109
--	-----

#### BRIEF COMMUNICATIONS

Dynamics of Elimination of 5-Oxyindoleacetic Acid in Rats During Prolonged Hypokinesia (Z. S. Dolgun, S. P. Novikova).....	114
--	-----

(Contd)

Available from JPRS 49928



Kosmicheskaya Biologiya i Meditsina  
Vol 3, No 6, 1969

Effect of Hypokinesia on Conditioned Reflex Activity  
of White Rats  
(L. N. Khruleva)..... 116

Effect Exerted on Human Body by Brief Exposure in an  
Atmosphere with an Increased Carbon Dioxide Content  
(V. S. Moskalenko)..... 119

CONGRESSES AND CONFERENCES

Work of Third International Symposium on Fundamental Problems  
of Human Life in Space Dedicated to 20th Anniversary of  
World Health Organization (WHO)  
(P. V. Vasil'yev, N. N. Gurovskiy)..... 122

Available from JPRS 49928

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# Soviet Physics CRYSTALLOGRAPHY

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Vol. 14, No. 3, pp. 319-484

November-December, 1969

## CONTENTS

		RUSS. PAGE	PAGE
Evgraf Stepanovich Fedorov (50th Anniversary of His Death).			
A. V. Shubnikov . . . . .	(R)	319	387
The Design of Tables of Shubnikov Space Groups of Dichroic Symmetry.			
R. P. Ozerov . . . . .	(T)	323	393
Theory of Order-Disorder Phase Transitions in Molecular Crystals. II.			
D. A. Badalyan, A. G. Khachatryan, and A. I. Kitaigorodskii . . . . .	(T)	333	404
Calculation of the Structure and Lattice-Energy Surface of Naphthalene and Anthracene Crystals. K. V. Mirskaya and I. E. Kozlova . . . . .	(T)	339	412
A Kossel Model of the Kinetics of Growth and Evaporation Normal to a {100} Face. D. E. Temkin . . . . .	(T)	344	417
Toward a Theory of Diffusionless Crystal Growth. D. E. Temkin . . . . .	(T)	349	423
Distribution Functions and Diffraction Intensity in a Linear System of Particles. D. Ya. Tsvankin . . . . .	(T)	355	431
Evaluation of Deviations from Isomorphism in Protein Crystals.			
V. Sh. Raiz and N. S. Andreeva . . . . .	(E/T)	360	437
Determination of the Crystal Structures of Several Three-Component Semiconductors with the General Formula ABX <sub>2</sub> . A. S. Avilov, K. A. Agaev, G. G. Guseinov, and R. M. Imamov . . . . .	(E)	364	443
A Neutron Diffraction Study of the Structure of Magnetoplumbite.			
O. P. Aleshko-Ozhevskii, M. K. Fack, and I. I. Yamzin . . . . .	(E)	367	447
An Infrared Spectroscopic Study of Tourmalines. I. I. Plyusnina, B. G. Granadchikova, and I. E. Voskresenskaya . . . . .	(E)	370	450
Anisotropy of Light Scattering at Microscopic Defects in Artificial Quartz.			
N. M. Melankholin, E. V. Antonov, I. N. Guseva, L. A. Gordienko, and V. E. Khadzhi . . . . .	(E)	376	456
X-Ray, Dielectric, and Piezoelectric Investigations of Solid Solutions in the PbTiO <sub>3</sub> -BaNb <sub>4/3</sub> O <sub>3</sub> System. A. S. Viskov and Yu. N. Venevtsev.	(E)	379	460
Calculation of the Transverse Components of Certain Fourth-Rank Tensors for Single Crystals with a Cubic System by Means of an Electronic Digital Computer I. I. Smyslov . . . . .	(T/E)	385	468

(Contd)

Available From The American Institute of Physics  
Vol 14, No 3, Nov-Dec 1969

		RUSS. PAGE	PAGE
Use of the Mössbauer Effect to Study the Distribution of Fe and Sn Impurity Atoms in Vanadium Pentoxide. <u>A. A. Abdullaev, L. M. Belyaev, T. V. Dmitrieva, G. F. Dobrzhanskii, V. V. Ilyukhin, and I. S. Lyubutin.</u> . . . . .	(E)	389	473
Phase Conversions in Liquid Crystals of the Homologs of Dialkoxyazoxybenzene. <u>A. P. Kapustin and L. I. Mart'yanova</u> . . . . .	(E/T)	394	480
Infrared Dichroism Study of Liquid Crystals of n-Alkoxybenzoic Acids. <u>M. M. Kusakov, V. L. Khodzhaeva, M. V. Shishkina, and I. I. Konstantinov</u> . . . . .	(E)	396	485
Crystal Orientation in Lead Sulfide Films Vacuum-Deposited on Muscovite. <u>S. A. Semiletov, R. V. Kudryavtseva, V. N. Pogodina, V. V. Karabinskaya</u> . . . . .	(E)	402	491
Hydrothermal Crystallization in the System $\text{A}_2\text{O}-\text{TR}_2\text{O}_3-\text{SiO}_2-\text{H}_2\text{O}$ . I. Synthesis of Crystals of Alkali Metal Yttrium Silicates. <u>B. A. Maksimov, B. N. Litvin, V. V. Ilyukhin, and N. V. Belov</u> . . . . .	(E)	407	498
BRIEF COMMUNICATIONS			
Smoothing of the Electron Distribution Function by Modification of Its Fourier Coefficients. <u>B. M. Shchedrin and V. I. Simonov</u> . . . . .	(T)	411	502
Structural Characteristics of Cubic $\text{ZrO}_2$ Stabilized by Calcium. <u>S. K. Filatov and V. A. Frank-Kamenetskii</u> . . . . .	(E)	414	505
Electron Paramagnetic Resonance Study of Tourmalines. <u>A. I. Novozhilov, I. E. Voskresenskaya, and M. I. Samoilovich</u> . . . . .	(E)	416	507
Electrooptical Properties of Barium Titanate in the Paraelectric Phase. <u>A. S. Sonin and V. É. Perfilova</u> . . . . .	(E)	419	510
Electrooptical Properties of Thallium-Cadmium Langbeinite. <u>A. S. Vasilevskaya, I. G. Gancev, I. S. Rez, and A. S. Sonin</u> . . . . .	(E)	421	511
Yttrium Aluminate Containing $\text{TR}^{3+}$ Ions as an Active Medium for Lasers. <u>Kh. S. Bagdasarov, G. A. Bogomolova, A. A. Kaminskii, A. M. Kevorkov, and G. I. Rogov</u> . . . . .	(E)	423	513
Electrical Polarization of Crystals during Torsional Deformation. <u>I. S. Zheludev, Yu. S. Likhacheva, and N. A. Lileeva</u> . . . . .	(E/T)	425	514
Hydrothermal Etching of Matched Fractured Prism Faces of Quartz. <u>M. S. Joshi and P. N. Kotru</u> . . . . .	(E)	427	516
Experimental Study of the Effect of Texture on the Form of Diffraction Lines. <u>A. S. Kagan and S. M. Prokoshina</u> . . . . .	(E)	429	518
The Optical Activity of Cholesteryl Propionate-p-Azoxyanisole Mixtures. <u>V. N. Aleksandrov and I. G. Chistyakov</u> . . . . .	(E)	431	520
Effect of Temperature on the Texture of Nematic Paraazoxyanisole Oriented by an Electric Field. <u>E. A. Kosterin</u> . . . . .	(E)	435	524
The Effect of Impurities in Ionic Crystals on the Epitaxy of Gold. <u>A. A. Sokol and V. M. Kosevich</u> . . . . .	(E)	438	527
Various Properties of Epitaxial Films of Si Obtained by Sublimation in Vacuum from Sources Doped with As and P. <u>V. P. Kuznetsov and V. V. Postnikov</u> . . . . .	(E)	441	529
Use of X-Ray Microanalysis for Investigation of $\beta$ -SiC Crystals by the Vapor-Liquid-Solid Mechanism. <u>V. V. Bakovets and G. V. Berdichevskii</u> . . . . .	(E)	444	531
Hydrothermal Crystallization in the $\text{A}_2\text{O}-\text{TR}_2\text{O}_3-\text{SiO}_2-\text{H}_2\text{O}$ System. II. Synthesis of Sc-Silicates of Alkali Elements. <u>B. A. Maksimov, B. N. Litvin, V. V. Ilyukhin, and N. V. Belov</u> . . . . .	(E)	447	534
Filamentary Diamond Crystals. <u>B. V. Deryagin, L. L. Bullov, V. M. Zubkov, A. A. Kochergina, and D. V. Fedoseev</u> . . . . .	(E)	449	535

(Contd)

Available From The American Institute of Physics  
Vol 14, No 3, Nov-Dec 1969

		RUSS. PAGE	PAGE
Distribution of Volatile Impurities Ahead of the Crystallization Front in a Melt. <u>B. D. Lainer, V. V. Voronkov, M. G. Mil'vidskii,</u> and <u>V. V. Rakov.</u> . . . . .	(T)	451	537
Hydrothermal Growth of Large Dislocation-Free Crystals of Quartz. <u>L. A. Gordienko, V. F. Miuskov, V. E. Khadzhi, and L. I. Tsinober.</u> . . .	(E)	454	539
Peculiarities of Crystallization of Barium Hexaferrite on Seeds. <u>S. Sh. Gendelev, R. I. Zvereva, and L. D. Fedorovich.</u> . . . . .	(E)	457	542
The Hydrothermal Crystallization of $Sb_2S_3$ . <u>V. I. Popolitov.</u> . . . . .	(E/T)	461	545
REVIEW			
Charge Separation by Crystallization. <u>A. M. Mel'nikova</u> . . . . .	(R)	464	548
CHRONICLES			
First Autumn School on Apparatus and Methods of Studying the Atomic Structure of Matter. <u>Yu. A. Simonov.</u> . . . . .	(R)	480	564

Available From The American Institute of Physics  
Vol 14, No 3, Nov-Dec 1969

**METALLURG  
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Numbers 7-8

July-August, 1969

## CONTENTS

Engl./Russ.

### NUMBER 7, JULY, 1969

Vigorous Stride of the Five-Year Plan .....	395	1
PIG IRON		
Melting Pig Iron with the Use of Silicon Coke—V. A. Shatlov and V. P. Gorbachev .....	398	3
Manufacture of Charging Equipment for 2700 m <sup>3</sup> Capacity Blast Furnaces—O. P. Gaponov and I. N. Sheenko .....	401	5
Improved Performance of Self-Balancing 168-GR Screens and DZMO Shakers —V. M. Zinin and N. I. Noskov .....	403	7
Dynamic Balancing of Exhauster Rotors—V. E. Savitskii .....	406	9
Automatic Plant for Maintaining a Constant Level of Solutions in Tanks for Sprayers of Casting Machines—V. F. Bannykh .....	409	12
IN THE WORLD OF METALLURGY		
[Blast Furnace Tap Hole Drilling Machine (The Iron Age, Vol. 200, No. 18, 475 (1967)). ....		13]
[Capacity of a Metallurgical Plant and Its Profitability (J. Iron and Steel Institute, Vol. 206, No. 5, 442 (1968)) .....		13]
Fighting Dust Accumulation in the Charging Equipment and Galleries of Sintering Plants —B. G. Novikov, V. G. Aleinikov, A. L. Ermakov, and V. N. Bashkatov .....	410	13
Senior Foreman—L. P. Chirkov .....	411	14
STEEL		
World Record of Zhdanov Steelmakers—V. O. Kulikov, A. E. Prikhozhenko, E. G. Gryzlov, and V. I. Yakimenko .....	413	15
Quality of Rolled Sections after Deoxidizing and Alloying of Steel in the Ladle —A. A. Kurdyukov, V. T. Tereshchenko, Vyoig Min'Tyong, A. M. Kondratyuk, A. M. Otengenden, and V. L. Yavoiskii .....	416	17
Increasing the Life of Door Linings of Open-Hearth Furnaces—B. I. Ilyukhin and K. M. Golubyatnikova .....	420	20 (Contd)

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## CONTENTS

(continued)

	Engl./Russ.
Pressure Casting of Steel Slabs—A. G. Kotin, V. G. Litvinenko, V. M. Yankelevich, A. N. Karasevich, A. E. Sapozhnikov, V. N. Krupenik, and V. A. Gudyrya .....	423 23
Steel Melter of Magnitka Holder of the Order of Lenin—A. Khinkis .....	427 26
Story of One Search—G. P. Davydenko .....	429 28
 IN THE WORLD OF METALLURGY	
Direct Reduction of Iron Ore .....	430 28
 ROLLING	
Rolling the No. 22 I-Beam—G. D. Feigin, I. M. German, and E. V. Kozopasov .....	431 29
Operation of the 260 Wire Mill after Reconstruction—V. Z. Budovskii .....	434 31
Protection of Pipe against Corrosion during Transportation and Storage—B. S. Malkin, V. T. Biryukov, G. K. Strizhak, M. V. Golosnaya, L. M. Kishkin, P. A. Esaulov, T. P. Grigor'eva, and V. N. Kochanov .....	438 34
 IN OUR ROLLING MILLS	
Production of Profile Tubes—M. S. Rybakov .....	441 38
Tenth Anniversary of the East-Slovak Metallurgical Combine .....	443 38
 SAFETY AT WORK	
Training Foremen in a Uniform Safety System—T. N. Khoroshev .....	445 39
 NEW FROM ABROAD	
[Iron Powder from Liquid Cast Iron (Metal Progress, Vol. 93, No. 2, p. 9, 1968) .....	41
Creative Cooperation—V. I. Dovgopol .....	448 42
"Silver" from Clay—S. Venetski .....	451 44
Scientific Organization of Labor for the Blast-Furnace Worker, Steelmaker, and Millman —M. Shumskii and M. Reznikov .....	454 46
 <u>NUMBER 8, AUGUST, 1969</u>	
25th Anniversary of the Research Institute of Ferrous Metallurgy—N. I. Sheftel' .....	459 1
 THE FIGHTERS OF LENIN'S GUARD	
"Let Dzerzhinskii Do It . . ."—B. Shur .....	462 3
 CAST IRON	
Increasing the Efficiency of Sinter Strand Charging—V. I. Bykov, Yu. S. Rud', and V. G. Kucher .....	466 5
Converter Sludge for Use in Sinter Production—E. Z. Freidenzon, I. P. Khudorozhkov, M. P. Antoshechkin, M. Ya. Groshev, and I. A. Ozhiganov .....	468 6
Performance of a Blast Furnace with Two Iron Notches Emptying into a Single Cast House —B. F. Yashchenko .....	471 8
Ladle Treatment of Titanium-Containing Pig Iron—N. F. Lomaka, A. L. Bychin, and I. A. Esin .....	474 11
Improved Construction of Blast-Furnace Stoves—A. V. Rostembskii, A. V. Sorokin, and P. V. Sorokin .....	476 12
 ON THE BLAST FURNACE PLANTS OF THIS COUNTRY	
Operation of Blast Furnace Hoists—V. I. Il'kun, A. P. Kravchenko, and Yu. Z. Ratner ....	478 13
Family Relic—V. I. Alibekov .....	479 14
 STEEL	
Use of Manganese Ore in Oxygen Converters—S. G. Afanas'ev and P. I. Yugov .....	481 15 (Contd)

Available from Consultants Bureau

# CONTENTS

(continued)

	Engl./Russ.
Separate Delivery of Oxygen and Fuel to the Port of a Single-Flue Open-Hearth Furnace - M. A. Magiuson, A. I. Shatukhov, G. A. Sedach, M. K. Musikhina, L. G. Avilov, A. I. Zavodilenko, and A. G. Panchenko .....	485 18
Use of Calcium Silicon for Deoxidizing Transformer Steel - Z. V. Klochkova, S. M. Gnuchev, A. G. Zubarev, V. A. Alyavdin, A. D. Kapustin, A. F. Kablukovskii, B. G. Sobolev, N. F. Markov, T. E. Pravdina, and A. M. Mamot .....	489 21
Reducing the Trimming of Continuously Cast Slabs - D. A. Dyudkin, A. M. Kondratyuk, and K. P. Murzov .....	493 25
Development of the Technique of Producing Three-Layer Steel 60-2kp-60 - A. I. Chichkanov, M. I. Loganov, and V. I. Shevchenko .....	496 27
ROLLED IRON	
The Nature of Wear of Tube Rolling Mill Rolls - V. P. Goncharov and N. M. Vedyakin .....	498 29
Operation of Plate Mill Lubrication Systems - A. T. Shevtsov and V. I. Rospasienko .....	501 32
Production of High-Temperature Wire - Ya. S. Shvartsbart .....	505 35
Installation for the Rehardening of Rolls - K. S. Tarasov and A. A. Ganich .....	507 37
Strengthening the Shafts of the Centerer Lever Housing - I. A. Utin, M. I. Mukhtarov, and A. I. Abdullaev .....	508 37
Reducing the Noise from the Inspection Stands of the Wheel Rolling Shop - N. I. Dreiman, B. M. Zlobinskii, E. S. Pimenov, and Yu. I. Khesin .....	509 38
Scientific Organization of Labor in the Molding Shop of the Roll Plant - N. G. Veselov, E. S. Sapiro, and A. N. Moskalev .....	511 39
Increasing the Productivity of Cranes - A. A. Ivanov, A. A. Kravchenko, I. A. Ushakov, F. M. Leiner, V. P. Mishchenko, and O. A. Mamontov .....	512 39
V. V. Lempitskii, I. N. Golikov, and N. F. Sklokin. Advanced Techniques for Improving Steel Quality - Reviewed by V. S. Slavkin .....	513 40
Technical Data Retrieval Service - Tasks and Problems - S. Andreev .....	516 42
Japanese 15-ton Low-Frequency Coreless Induction Furnace .....	519 43
[INTERNATIONAL LIAISONS]	
[XVII Session of the Administrative Committee of the International Association of Metalworkers Trade Unions - Yu. Khitsenko .....	44]
Determination of Downtime at the 275 Rolling Mill - V. N. Boltsov .....	520 46
Available from Consultants Bureau	

## NOTE

The Table of Contents lists all material that appeared in the original Russian journal. Items originally published in English or generally available in the West are not included in the translation and are shown in brackets. Whenever possible, the English-language source containing the omitted items is given.

The Russian press dates (podpisano k pechati) of the first and second issues covered in this issue of the translation were, respectively, 6/4/1969 and 7/4/1969. Publication of the material translated in this issue is therefore known to have occurred not prior to the earlier of these dates, but must be assumed to have taken place in two parts, the second being published shortly after the later of the dates.

CONTENTS

Introduction . . . . .	1
B. Dziunikowski - Determination of Main Components in Ores by Radiometric Methods . . . . .	2
Cz. Bobrowski, E. Chruściel, T. Dabek, K. Korbel, J. Massalski, T. Owsiak, J. Studnicki - Design of a Pulsed Neutron Source and a Bore-Hole Fast Neutron Generator . . . . .	10
B. Turkowa, K. Umiastowski, J. Zawadzki - Radiometric Measurement of the Filter Tube Depth in a Bore-Hole . . . . .	23
J. A. Czubek, A. Lenda - Studies on Energy Distributions of Scattered $\gamma$ -Rays in Natural Gamma Logging . . . . .	31
J. Chabuciński - Elimination of the Effect of Chemical Composition of Rocks on the Gamma-Gamma Density Logging . . . . .	41
K. Umiastowski - The Effect of Constructional Factors on the Calibration Curves for Gamma-Gamma Density Probes . . . . .	51
M. Jakubowski, J. Sapula - Application of Isotopic Methods for Determining Physical Properties of Soils in the Structure of the Geotechnical Cross Section . . . . .	58
J. Makowski, A. Lewandowski - Radiometric Method for Studying Water Reservoir Bottom Tightness . . . . .	68
A. Padzik, J. Niemczynowicz, E. Frączek - Use of Tritium in Hydrogeological Studies . . . . .	78
L. Barański, B. Turek, J. Lubecka, A. Zuber - Attempts at Employing Single-Well Methods for Determining Water Leakage in Dams . . . . .	88
J. Niemczynowicz, A. Padzik, E. Frączek - A Radiographic Probe for Determining the Direction of Ground Water Filtration in Drill Holes . . . . .	99
L. Barański, K. Korbel, A. Zuber - A Device for Measuring the Direction and Flow Rate in Open Water Reservoirs . . . . .	103
E. Frączek, J. Niemczynowicz, A. Padzik - Tracer Studies on Mixing of Waste Waters with Surface Waters . . . . .	112
J. Bors, M. Czepkowski, J. Szopka - Single-Well Isotopic Methods in Hydrogeological Investigations for Draining Purposes in the "Adamów" Mine . . . . .	121
K. Orczyk - Geophysical Radiometric Instruments Designed and Produced by the Petroleum Industry Geophysical Enterprise in Cracow . . . . .	131
J. Sokolowski - Major Results of Radiometric Measurement Application in Deep Bore-Holes . . . . .	138
J. A. Czubek - The Range of Nuclear Measurement Methods for Soil Moisture and Density . . . . .	151
R. Burek, Cz. Mirkowski, J. Pawlak - Radiometric Determination of Inorganic Substance (Ash Content) in the Hard Coals of the Upper Silesian Coal Basin and the Brown Coals of Turów Mine . . . . .	168
M. Dąbek, K. Muras - Certain Problems of Soil Density Measurement with Gamma-Gamma Probes Constituting Components of GGW-Type Assemblies . . . . .	179
A. Szyborski, J. Krupa - Detection of Solid Raw Material Deposits by Well-Logging Methods . . . . .	194
A. Szyborski - Determination of Ash Content in Brown Coal by Gamma-Gamma Logging . . . . .	204
A. Prączyński, V. V. Sulin, H. Ch. Vitozhents - Analysis of Copper and Silver in Copper Ores by the Photon Activation Method . . . . .	215

Available from CERN TT 68-511/4-5



CONTENTS

PHYSICS

B. Buras, A. Holas — Intensity and Resolution in the Neutron Time-of-Flight Powder Diffractometry . . . . .	1
J. Jateczak — The Energy Spectrum of Extensive Air Showers of Cosmic Rays . . . . .	32
M. Gąsior, H. I. Lizurej, H. Niewodniczański, A. W. Potempa — Rapid Separation of Radioactive Elements by the Method of Vacuum Evaporation . . . . .	46
Z. Kozłowski, M. Sadowski — Investigations on Gas Conditions in the Operation of a Coaxial Plasma Injector . . . . .	55
A. Szechter, S. Chwaszczewski, A. T. Mikulski — Noise Measurements in the ANNA Reactor . . . . .	73

CHEMISTRY

S. Mine, H. Wincel — Mass Spectrometric Studies of Ion-Molecule Reactions in Binary Systems. II — Reactions in Paraffin-Water Systems . . . . .	88
R. Przytycka — Investigations on the Distribution of Radium Between the Solid and the Liquid Phase in the Process of "Synchronized" Precipitation. Part III. Barium-Radium Oxalate and Barium-Radium Iodate . . . . .	101

ENGINEERING AND EQUIPMENT

Z. Komor, T. Rydzewski — Enrichment of a Sample of Descriptors Collected on the Principle "First Come First Served" in Content Addressable Memory Systems . . . . .	109
---	-----

BIOLOGY

A. M. Danciewicz, A. Mazanowska — Biochemical Lesions Induced in Subcellular Structures by Ionizing Radiation. VI — the Formation of Lipid Peroxides in Rat Liver . . . . .	118
---	-----

Available from CFSTI TT 68-50011/6

CONTENTS

PHYSICS

- M. Gryziński, J. Nowikowski, M. Sadowski, S. Suckewer—Review of Research on Hot Plasma Performed at the Department of Plasma Physics and Technology, Institute of Nuclear Research . . . . . 1
- A. Holas—Collimators in Neutron Time-of-Flight Powder Diffractometry . . . . . 33

CHEMISTRY

- A. Zieliński, I. Stronksi—The Determination of Distribution Coefficients and Stability Constants of Chelates of  $Ni^{2+}$  and  $UO_2^{2+}$  with Some Schiff's Bases . . . . . 44
- W. Zablotny, K. Akerman, J. Wiśniewski, R. Winnicki, M. Lelental, B. Michalski, A. Chrusbasik—Isotopic Studies of Solid Phase Movements in a Fluidized Bed . . . . . 53
- S. Wajda, F. Pruchnik, A. Zarzeźny—The Structure of Tri-Nuclear Rhenium(IV) Thiocyanate Compounds Investigated by Radioisotopic Exchange in the System  $[Re_3(OH)_2(SCN)_4]^{+} S^{14}CN$  . . . . . 66
- Z. Kęcki, S. Kosek, W. Stachowicz—Oxygen Effect on Gamma Irradiated Frozen Solutions in Tetrahydronaphthalene . . . . . 81

ENGINEERING AND EQUIPMENT

- J. Bouzyk, W. Ciechanowicz, W. Filipczak, S. Latek—Reactor Noise Analysis by Analog Computer Techniques . . . . . 90

Available from CFSTI TT 68-50011/7

## CONTENTS

### PHYSICS

- J. Jędrzak — Localization of the Axes of Individual Extensive Air Showers of Cosmic Radiation . . . . . 1
- R. Brandt, T. Kroginski, E. Piasecki, H. Piekarczyk, M. Sowinski, J. Chwaszczewska, M. Moszyński — Experience in the Use of Semiconductor Detectors for Fission Studies in the High-Energy Proton Beam at CERN . . . . . 18
- L. Freindl, W. Karcz — Ion Focusing Properties of a Double Magnetic Quadrupole Lens Pair . . . . . 31
- A. Holas — Focusing of the Time-of-Flight Diffractometer for Structure Analysis . . . . . 43
- S. Latek, J. Topa — Resonance Integral Measurement by the Pile Oscillator Method . . . . . 53

### CHEMISTRY

- W. Szymanski — Heterogeneous Isotopic Exchange Between the Atom of a Metal in the Salt Precipitate and Its Ion in the Solution . . . . . 67
- J. Szadłowski, T. Więch, M. Zieliński — The Isotopic Exchange Kinetics in the Gaseous Hydrogen Chloride-Pyridine Hydrochloride and the Gaseous Hydrogen Chloride-Picolinic Acid Hydrochloride Systems . . . . . 82
- A. Halpern, K. Sawlewicz — Valence Distribution of  $^{76}\text{As}$  Resulting from  $\beta$ -Decay in  $^{76}\text{Ge}$ -Labeled Inorganic Crystals . . . . . 91

### ENGINEERING AND EQUIPMENT

- M. Moszyński — Adaptation of the Time-to-Amplitude Converter to Time Measurements with the Aid of Semiconductor Radiation Detectors . . . . . 100
- S. Sekowski — The Effect of a Silver Undercoat on the Measurement of the Gold Coating Thickness by the  $\beta$ -Reflection Method . . . . . 109

### LETTERS TO THE EDITOR

- A. Biełkowski — A Transistorized Vacuum Gage with a Thermocouple Probe . . . . . 116

Available from CPSTI TT 60-53011/8

# RADIO ENGINEERING AND ELECTRONIC PHYSICS

## RADIOTEKHNIKA I ELEKTRONIKA

NUMBER 8

1969

### CONTENTS

	Page
V.A. Andriyev: Effect of the Atmosphere of a Planet on Fresnel Diffraction of Ultrashort Radio Waves .....	1175
Ya.N. Fel'd and I.V. Sukharevskiy: Use of Nonresonance Green's Functions in Constructing Integral Equations of the Problems of Diffraction at Open Screens .....	1181
L.B. Tartakovskiy and A.I. Rubinshteyn: Mutual Effect of Plane Waveguide Type Elementary Radiators with Open Ends .....	1187
V.I. Molyavko, K.P. Yatsuk and V.M. Mitrofanov: Investigation of Surface Waves in Radial Helix Structures .....	1194
V.I. Popovkin, G.I. Shcherbakov and V.I. Yelumeyev: Optimum Synthesis of Antennas for Restricted Departures of the Distribution Function of Sources from the Specified Distribution .....	1200
B.M. Minkovich: Optimum Interpolation Synthesis of Radiation Patterns of Aperture Antennas ..	1204
G.I. Veselov and V.M. Krekhtunov: Natural Oscillations in a System of N Open Dielectric Waveguides .....	1211
V.A. Popov: An Approximately Optimum Detector of Gaussian Signal Immersed in Gaussian Noise .....	1218
B.I. Shakhmarin: Investigation of a Piecewise-Linear APC System .....	1224
Yu.V. Nadelyayev: Average Duration of Multichannel Sequential Detection .....	1231
Yu.A. Kolosov: Basic Characteristics of Optical Receiver with Electro-Optical Image Converter and Superorticon .....	1239
V.V. Mlechin: Stability of Discrete Delay-Line Networks .....	1243
V.A. Malyshev: Resonant Properties of Two Discontinuities in a Transmitting Channel .....	1255
E.G. Levchenko, A.K. Nematik and V.E. Chayka: Investigation of Symmetric Slow-Wave Structures of the Coupled-Resonator-Network Type .....	1260
V.I. Gayduk, V.M. Kiselev and E.I. Nefedov: A Self-Consistent Theory of Nonradiating Charge Clusters Localized by its Electromagnetic Field .....	1269
N.A. Savich and D.Ya. Shtern: Characteristics of Absolute Dispersion Interferometers for Plasma Investigations .....	1280
V.M. Gusev, Yu.G. Kozlov and V.G. Naumenko: High Frequency Planar Silicon Transistor Based on Ion-Implanted p-n-p Structure .....	1285
<b>BRIEF COMMUNICATIONS</b>	
P.E. Krasnushkin and V.D. Snabalin: The Influence of the Direction of Arrival of Night Atmospherics on Their Waveform .....	1288
V.D. Ivanova: Theory of Wave Propagation in a Rectangular Spiral in the Presence of Plasma ..	1292
A.S. Polyanskiy and R.M. Sedletskiy: Signal Synthesis from a Specified Multi-Peak Correlation Function .....	1294
V.V. Bykov: Some Properties of the Integral of a Random Function .....	1296
V.V. Mlechin: Logarithmic Frequency Characteristics of Typical Discrete Stages with Linear Delay .....	1298
V.A. Losovskiy and M.M. Shakhmayev: Analysis of Frequency-Modulated Tunnel Diode Oscillator Using a Nonlinear p-n Capacitive Junction in the Tuned Circuit .....	1301
G.Yu. Kobzarev: Instability of the Characteristics of a Variable Negative-Resistance Amplifier .....	1304
Ye.P. Moskalenko and V.A. Malyshev: Effect of the Second Harmonic on TWT Operation in a Distributed Nonlinear Active Medium .....	1307
F.V. Lisovskiy: Constructing Isoenergy Surfaces in k-Space for Analyzing Spin Wave Scattering Processes .....	1310
I.A. Deryugin, N.I. Lyashenko and L.L. Stakhurskiy: Electromagnetic Radiation Emitted by Yttrium-Gallium Ferrite in Longitudinal Pumping Fields .....	1313

(Contd)

This issue published February 1970  
Available from Scripta Publishing Corporation

A.G. Akmanov, A.I. Kovrigin and N.K. Podolskaya: Frequency Discrimination in Laser Radiation .....	1315
F.A. Korolev, V.V. Lebedeva, A.I. Ohntsov and V.M. Salimov: Experimental Determination of Lower Levels Life Time in Argon Laser .....	1318
B.A. Akanayev: Amplification of Very Narrow Optical Pulses in Combinational-Active Medium .....	1321
A.P. Balashova, V.I. Salin, L.A. Serebrov and N.L. Yasnopol'skiy: Variation of Signal Polarity in High Impedance Thin Film Target Circuits .....	1324
A.M. Siz'man: Correlation Analysis Applied to Time Photoelectron Multipliers .....	1327
I.M. Bronshteyn and A.N. Brozdnicenko: Secondary Electron Emission from Cu-Be Alloy .....	1329

#### ABSTRACTS OF DEPOSITED ARTICLES

R.I. Trukhayev and V.V. Khomenyuk: Optimal Effort Distribution in Radar Search .....	1331
R.I. Trukhayev and V.V. Khomenyuk: The Submersion Method Applied to Optimal Effort Distribution Problems in Radar Search .....	1332
N.K. Kul'man: Noise Immunity of Optimal Receivers in Combinations of Pulsed and Continuous Modulation .....	1333
B.V. Drozdov: Errors in a Method of Restoring Continuous Signals .....	1334
V.A. Gorokhov and N.N. Kachala: Compound Transistors in Pulse Circuits .....	1334
I.N. Petrov and O.V. Sorokin: Conductivity and Thermal EMF of an Oxide Cathode in Cesium Vapor .....	1335
O.V. Sorokin: Oxide Work Function and Rubidium Oxide Conductivity .....	1335

#### EVENTS

A.P. Balashova: Meeting of Scientific Council on Electron Physics (Cold Cathodes) .....	1336
M.V. Gomoyunova and T.L. Matskevich: Scientific Session Devoted to the Memory of L.N. Dobretsov .....	1337

#### OBITUARIES

Aleksandr Alekseyevich Lebedev .....	1339
Boris Alekseyevich Vvedenskiy .....	1340

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#### EDITOR'S NOTE

With the exception of certain trigonometric and hyperbolic functions, Soviet mathematical symbols are the same as those encountered in the American literature. For the reader's convenience a list of such exceptions and their American equivalents is given below.

<u>Soviet Usage</u>	<u>American equivalent</u>
Arch	$\cosh^{-1}$
Arcth	$\coth^{-1}$ (ctnh <sup>-1</sup> )
Arsh	$\sinh^{-1}$
Arth	$\tanh^{-1}$
arccos	$\cos^{-1}$ (arc cos)
arctg	$\cot^{-1}$ (arc cot)
arcsin	$\sin^{-1}$ (arc sin)
arctg	$\tan^{-1}$ (arc tan)
ch	cosh
cosec	csc
ctg	cot (ctn)
cth	coth (ctnh)
rot	curl
sch	sech
sh	sinh
tg	tan
th	tanh

# VESTNIK OF THE USSR ACADEMY OF SCIENCES

Vol. 29, No. 12, December 1969

Selected articles from the Russian-language periodical Vestnik Akademii Nauk SSSR published by the USSR Academy of Sciences.

CONTENTS	PAGE
The 1969 State Prizes (M. V. Keldysh).....	1
Awarding the Gold Medals imeni K. E. Tsiolkovskiy to Pilot-Cosmonauts.....	8
IN THE PRESIDIUM OF THE ACADEMY OF SCIENCES USSR	
Contemporary Tasks of the Social Sciences in the Light of Lenin's Ideas.....	10
The Intercosmos-1 Satellite and Its Scientific Program (L. A. Vedeshin, M. G. Kroshkin).....	20
The Mendeleyev Year of Chemistry.....	31
THE DEEP CAUSES OF GEOLOGICAL PROCESSES	
Physicochemical Processes in the Earth's Upper Mantle (V. A. Magnitskiy).....	37
The Connection of Geological Structures on the Surface With the Deep Structure of the Earth's Depths (I. A. Rezanov).....	44
Problems of Isostasy (M. Ye. Artem'yev).....	55 (Contd)

Available from JPRS 49953

CONTENTS (Continued)

Page

SCIENTIFIC SURVEYS AND REPORTS

Investigations of Natural Resources by Means of Artificial Earth Satellites (B. V. Vinogradov, K. Ya. Kondrat'yev).....	64
The Long-Wave Photoconductivity of Semiconductors (T. M. Lifshits).....	77
Steam Solutions (M. A. Styrikovich).....	87
Leading Problems in the Development of Motor-Vehicle Transport (D. P. Velikanov).....	99
Reinforced Plastics (G. D. Andreyevskaya).....	108

INTERNATIONAL SCIENTIFIC RELATIONS

Collaboration of the Academy of Sciences USSR with Scientific Centers of France and Italy (A. M. Chikalov, Ye. D. Tabakeyev).....	116
The Status and Tasks of Protozoology (Yu. I. Polyanskiy).....	119
The Study and Synthesis of Inorganic and Heteroorganic Polymers (K. A. Andrianov, B. V. Bocharov).....	125
Problems in the Corrosion of Metals (Ya. M. Kolotyrkin).....	130
Brief Reports.....	135
In Memory of Academician V. V. Vinogradov.....	151
In Memory of Academician V. A. Kargin.....	153

SESSIONS, CONFERENCES AND MEETINGS

Interaction of the Ocean and Atmosphere (S. S. Zilitinkevich, D. V. Kravchenko).....	155
---	-----

(Contd)

Available from JPRS 49953

VESTNIK AKADEMII NAUK SSSR  
Vol 29, No 12, 1969

CONTENTS (Continued)	Page
Chronicle and Information.....	162
Criticism and Bibliography (B. Ya. Kuritskiy, S. V. Fomin).....	166
New Books.....	170
Index of Articles and Materials Published in the Journal <u>Vestnik</u> of the Academy of Sciences USSR in 1969.....	179
Alphabetical Index of Authors of Articles and Materials Published in the Journal in 1969.....	204
Available from JPRS 49953	



# HERALD OF COMMUNICATIONS

Vol. 29, No. 12, 1969

- USSR -

Selected articles from the Russian-language periodical Vestnik Svyazi, published by the Ministry of Communications USSR and the Central Committee of the Communications Workers Union.

CONTENTS	PAGE
LATEST COMMUNICATIONS EQUIPMENT	
Television Receiver Kvant .....	1
Radio-Phonograph Combination Sirius-5 .....	3
All-Purpose Measuring Rack .....	4
MATERIALS OF THE FIFTH PLENUM OF THE CC OF COMMUNICATIONS WORKERS UNION	
Success Lies in Persistent Labor .....	5
COMMUNICATIONS ENGINEERING	
Compensation-Type Device for the Elimination of Noise in Communications Circuits (V.F. Kalyuzhnyy) .....	9
Developed in Kiev (V.A. Samoylov) .....	19
Vibration Method of Locating Poor Contacts (A.V. Kholin) .....	20
Available from JPRS 49947	(Contd)

CONTENTS (Continued)	Page
Electronic Switchboard (N.S. Posysayev) .....	26
Filament Transformer for a Circuit with a Common Grid (V.I. Kreminskiy, V.N. Ryffa) .....	28
Seminar on Color Television .....	37
On the Provision for Emergency Power Supply for Communications Equipment (P.A. Sul'g) .....	39
'Sinus' Looks for the Wanted Party .....	44
 COMMUNICATIONS ECONOMICS	
Evaluation of Periods for Putting the Planned Capacities Into Use (M.A. Gorelik) .....	45
Electronic Brain of a Ministry .....	56
 ORGANIZATION AND OPERATION OF COMMUNICATIONS FACILITIES	
Telegrams Will Move Faster (S.I. Martsenitsen) .....	57
 AT THE COLLEGIUM OF THE MINISTRY OF COMMUNICATIONS USSR	
On the Adoption of Multiprogram Wire Broadcasting .....	61
On Holding the Third Exhibition of Scientific and Technical Creativity of the Young People of Moscow and Moscow Oblast ...	63
 VESTNIK SVYAZI	
A List of the Main Articles Published in the Journal Vestnik Svyazi During 1969 .....	65
Abstracts of Articles Published in the Journal Vestnik Svyazi No 12, 1969 .....	76
Appointments .....	78

Available from JPRS 49947

	Page	Russian Reference
Surface Tension of Dilute He <sup>3</sup> -He <sup>4</sup> Solutions . . . . .	585	56 1089
K. N. Zinov'eva and S. T. Bolarev		
Modulation Effects in Optically Oriented Metastable He <sup>4</sup> . . . . .	591	56 1100
V. S. Korol' and A. N. Kozlov		
Turbulent Diffusion and Ion Heating in the Current-driven Instability . . . . .	595	56 1108
N. S. Buchel'nikova and R. A. Salimov		
Fluctuations of Radiation Buildup in Gas Lasers . . . . .	601	56 1120
E. V. Baklanov, S. G. Rautian, B. I. Troshin, and V. P. Chebotaev		
Mechanism of Pulsed Superradiance from 2p-1s Transitions in Neon . . . . .	607	56 1132
A. A. Isaev and G. G. Petrash		
Slowing Down of 0.5-30 keV Protons in Some Materials . . . . .	615	56 1146
E. P. Arkhipov and Yu. V. Gott		
Electron-ion Recombination in the Track of an Ionizing Particle and the Scintillation Mechanism of Noble Gases . . . . .	619	56 1152
B. A. Dolgoshein, V. N. Lebedenko, A. M. Rogozhin, B. U. Rodionov and E. N. Shuvalova		
Lasers with Resonator Mirror Transmission Varying over the Cross Section . . .	624	56 1161
Yu. A. Kalinin, A. A. Mak, A. I. Stepanov, A. V. Folomeev, and V. A. Fromzel'		
Problem of the Existence of a Metallic State in Dynamically Compressed Carbon . . . . .	628	56 1169
R. F. Trunin, G. V. Simakov, B. N. Moiseev, I. V. Popov, and M. A. Podurets		
Relative Compressibility of Copper, Cadmium, and Lead at High Pressures . . .	630	56 1172
R. F. Trunin, M. A. Podurets, B. N. Moiseev, G. V. Simakov, and L. V. Popov		
Stimulated Four-field Parametric Scattering . . . . .	632	56 1175
A. P. Veduta and B. P. Kirsanov		
Stimulated Mandel'shtam-Brillouin Scattering and the Propagation of Hypersound in Viscous Liquids . . . . .	638	56 1186
I. Sh. Zlatin, S. V. Krivokhizha, and I. L. Fabelinskiĭ		
Muonium Depolarization Processes in Germanium Single Crystals . . . . .	643	56 1195
D. G. Andrianov, G. G. Myasishcheva, Yu. V. Obukhov, V. S. Roganov, V. G. Firsov, and V. I. Fistul'		
Investigation of $\mu^+$ -Meson Depolarization in Scintillating Plastics in Differently Oriented Magnetic Fields . . . . .	645	56 1199
G. G. Myasishcheva, Yu. V. Obukhov, V. S. Roganov, and V. G. Firsov		
Elementary Processes of Change of Charge States in the Interaction between Protons and Hydrogen Molecules . . . . .	648	56 1204
V. V. Afrosimov, G. A. Leĭko, Yu. A. Mamaev, and M. N. Panov		
The Anomalous Intensity Distribution in Satellites in Neutron Diffraction Investigations of Block Helicoidal Structures . . . . .	655	56 1217
O. P. Aleshko-Ozhevskiĭ and I. I. Yamzin		
Diamagnetic Resonance in a Magnetic Field Normal to the Surface of the Metal . . . . .	658	56 1223
V. P. Naberezhnykh and N. K. Dans		
Measurement of the Electron Mean Free Path in Potassium by Means of the Radio Frequency Size Effect . . . . .	663	56 1232
V. S. Tsol' and V. F. Gantmakher		(Contd)

Available from American Institute of Physics  
Vol 29, No 4, Oct 1969

	Page	Reference
.....	660	56 1262
.....	674	56 1252
On the Spectral Theory of Radiation Transport Equations .....	679	56 1262
.....	685	56 1273
Contribution to the Theory of Elementary Electron Transfer Reactions in Polar Liquids .....	688	56 1278
.....	694	56 1290
Superconducting Alloys in a Strong Alternating Field .....	698	56 1297
Influence of Nonlinear Effects on Current Instability in a Plasma .....	704	56 1309
.....	710	56 1321
Equation of State of an Excited Gas .....	712	56 1325
Absorption of Sound in Liquid He <sup>3</sup> .....	719	56 1338
Sensitized Fluorescence in Pure Alkali Metal Vapors .....	722	56 1344
Excitation Spectrum of an Antiferromagnetic Heisenberg Chain .....	727	56 1354
Effects of P- and T-parity Violation in Resonance Scattering of $\gamma$ Radiation .....	733	56 1366
Parametric Excitation of a Quantum Oscillator .....	738	56 1375
Galvanomagnetic Phenomena in Metals in the Quantum Limit .....	746	56 1391
Coherence Effects in the Propagation of an Ultrashort Light Pulse in a Medium with Two-photon Resonance Absorption .....	754	56 1407
Effect of a Frequency Filter on the Emission Spectrum of Semiconductor Lasers .....	757	56 1412
Theory of the Muonium Mechanism of $\mu^+$ -Meson Depolarization in Media with Tensor Relaxation of the Muonium Electron Spin .....	761	56 1419
Photomagnetic Effect in a Quantized Magnetic Field for Electrons Heated by Light .....	767	56 1432
Anisotropy of the Critical Current for Surface Superconductivity near the Field Strength H <sub>C3</sub> .....	772	56 1441
Some Features of the Hydrodynamic Mechanism of Electric Conductivity of Metals in a Magnetic Field .....	776	56 1448

Available from American Institute of Physics  
Vol 29, No 4, Oct 1969

# JOURNAL OF APPLIED CHEMISTRY of the USSR

A translation of *Zhurnal Prikladnoi Khimii*

Volume 42, Number 8

August, 1969

## CONTENTS

	Engl./Russ.
The Periodic Law of D. I. Mendeleev - T. V. Volkova .....	1687 1681
Study of the Crystallization of Ammonium Sulfate - V. A. Odintsov, L. N. Matusevich, and V. A. Postnikov .....	1593 1687
Interaction of the Chlorides of Iron and Chromium with Certain Oxides and Spinels - G. F. Fefelova, I. S. Morozov, and T. S. Shibneva .....	1598 1693
Separation of Thorium and Uranium (VI) with the Aid of SDV-3 Resin - A. I. Zhukov, E. I. Kazantsev, and V. A. Zhitenev .....	1603 1699
Investigation of Iron-Chromium Catalysts on Alumina-Silica Support for Conversion of Carbon Monoxide in a Fluidized Bed - V. A. Chechko, V. N. Anokhin, L. A. Tarasov, V. M. Teslenko, and I. P. Mukhlenov .....	1608 1705
Decomposition of Nitrogen Oxides by Electric Discharge in a Fluidized Bed of Solid Particles - E. A. Bykov, V. N. Anokhin, A. N. Efremov, and I. P. Mukhlenov .....	1612 1710
Preparation of Mercury and Bismuth Selenides - G. S. Klebanov, N. A. Ostapkevich, N. V. Pakhomova, and A. V. Morozov .....	1617 1715
Analysis of the Kinetics of Leaching of Porous Aluminate Sinters - V. V. Borzenko, B. I. Arlyuk, M. N. Smirnov, and V. A. Mazel' .....	1621 1720
State of Titanium (IV) and Its Changes during Thermal Hydrolysis in Sulfuric Acid Solutions - Yu. D. Dolmatov .....	1627 1725
Thermodynamic Analysis of Chemical Reactions Occurring during Glass Formation in the System $Al(PO_3)_3$ -NaF - L. N. Urusovskaya and A. K. Yakhkind .....	1633 1732
Viscosity and Structure of Glassy Systems Based on Aluminum Metaphosphate - S. V. Nemilov .....	1640 1740
Interaction of Zirconium Oxychloride with Sulfuric Acid in Aqueous Solutions - S. M. Flaks and I. A. Sheka .....	1646 1747
Solubility of $SO_2$ in Water at Elevated Temperatures and Pressures - R. P. Rafal'skii and A. I. Zarubin .....	1652 1754
Structure Formation in Silica Having the Properties of a Filler or an Adsorbent - E. I. Dalmatskaya and S. L. Gol'dis .....	1656 1758
Liquid-Vapor Equilibria in Tellurium-Selenium and Tellurium-Sulfur Systems - L. V. Kozhitov and A. V. Vanyukov .....	1661 1764
Protection of Steel by Condensation Products of Amines and Aldehydes against Corrosion in Acid Media - N. G. Klyuchnikov and G. L. Nemchaninova .....	1668 1772
Optimization of the Formaldehyde Yield Obtained by Oxidation of Natural Gas in a Fluidized Catalyst Bed - I. P. Mukhlenov, A. I. Vitvitskii, and A. Ya. Averbukh .....	1671 1775

(Contd)

Available from Consultants Bureau

(continued)

Engl./Russ.

Investigation of the Hypophosphite Utilization Factor in Alkaline Solutions for Chemical Nickel Plating - V. A. Zhikh and B. I. Esin . . . . .	1674	1778
Validity of Vrevskii's First and Second Laws When Reactions Occur in the Vapor Phase - N. P. Markuzin . . . . .	1681	1785
Calculation of the Power Consumption of Rotational Equipment - O. A. Kokushkin, A. A. Baram, and I. S. Pavlushenko . . . . .	1688	1793
Influence of Roughness of a Wetted Wall on Heat Transfer to a Liquid Film - E. G. Vorontsov . . . . .	1693	1799
Investigation of the Porous Structure of AG-3 Type Carbons - N. M. Malin . . . . .	1696	1802
Investigation of the Kinetics of Emulsion Polymerization of Styrene with the Aid of a Digital Computer - S. N. Sautin, P. A. Kulle, and N. I. Smirnov . . . . .	1703	1812
Distribution of Ethylene Oxide during Its Reactions with Alcohols and Water and Calculation of the Composition of the Products Formed - N. N. Lebedev, V. P. Savel'yanov, and Yu. I. Baranov . . . . .	1707	1815
Viscosity of Concentrated Solutions of Polyvinyl Acetate in Different Solvents - V. L. Trizno, V. V. Konsetov, S. S. Mnatsakanov, M. E. Rozenberg, and A. F. Nikolaev . . . . .	1716	1825
Synthesis of Methacrylates and Acrylates from $\alpha$ -Hydroxy Acids - O. V. Kuz'michev, B. F. Ustavshchikov, and M. I. Farberov . . . . .	1721	1830
Influence of Temperature on Supersaturation of Acetylene Solutions in Acetone under Atmospheric Pressure - I. I. Kvasenkov and V. M. Shleynikov . . . . .	1727	1837
Structural Characteristics and Prospects of Practical Utilization of Polyimides (Polyarimides) - M. M. Koton . . . . .	1731	1841
Preparation and Properties of Sulfonated Lignin Carbons - V. M. Zverev, G. M. Belotserkovskii, and T. G. Plachenov . . . . .	1740	1851
New Method for Preparing Copolymers of Allyl (or Methallyl) Alcohol and Salts of Acrylic (or Methacrylic) Acid - I. V. Andreeva, M. M. Koton, A. I. Turbina, and N. V. Kukarkina . . . . .	1745	1857
Condensation of Methyl Ethyl Ketone with Methanol in the Vapor Phase - B. A. Bolotov and V. L. Klyuev . . . . .	1750	1862
Hydrolysis of Methyl Acetate in Concentrated Solutions in Presence of a Sulfonated Cation Exchanger - M. I. Balashov, L. A. Serafimov, and S. V. L'vov . . . . .	1754	1865
Polarographic Analysis of Acetone-Formaldehyde Resins - B. M. Bulygin, N. I. Apryatkina, and N. I. Borodkina . . . . .	1759	1872
Purification of Formaldehyde Solutions (Formalin) by Ion Exchange Resins - A. E. Obratsov, M. P. Shashalevich, and N. P. Chikrizova . . . . .	1764	1877
Formation and Dehydrochlorination of Chlorohydrin Ethers during Synthesis of Epoxy Resins - S. M. Rozentuler, A. G. Pozamantir, and A. F. Nikolaev . . . . .	1768	1881
<b>BRIEF COMMUNICATIONS</b>		
Utilization of Wastes from the Soda Ash Industry - V. D. Glukhovskii, A. I. Postorenko, and Yu. A. Sukhovii . . . . .	1774	1888
Removal of Iron and Titanium from Kaolins by Chlorination - V. G. Brin and N. I. Eremin . . . . .	1776	1889
Study of Adhesion of N-P Fertilizer ("Nitrophos") to Various Materials - Yu. F. Zhdanov, E. V. Roganov, and B. N. Egorov . . . . .	1779	1892
Structural Changes in Molten Sodium Tripolyphosphate, $\text{Na}_3\text{P}_3\text{O}_{10}$ - L. A. Ionova, V. V. Nechaeva, N. N. Postnikov, and A. I. Soklakov . . . . .	1782	1894
Contours of the Phase Diagram of the Ternary System Consisting of Sodium, Zinc, and Lead Chlorides - I. V. Aleksanyants, N. M. Demido, A. S. Malyugin, and A. D. Podgorelyi . . . . .	1785	1897
Study of Production of Self-Reinforced and Self-Bonding Materials (SRM) - A. N. Antonov and L. P. Mikhailova . . . . .	1788	1899

(Contd.)

Available from Consultants Bureau

(continued)

Engl./Russ.

Influence of Low-Power Electric Discharge on the Particle-Size Composition of Suspensions - V. G. Kozhemyakin, O. S. Lavrov, O. V. Smirnov, and E. A. Terent'eva .....	1792	1903
Influence of Oxygen and of a Water Line on Corrosion Cracking of Brass in Ammonia Solution - V. A. Zaitsev, V. V. Skorcheletti, and L. N. Lozhkin .....	1794	1905
Possibility of Utilization of Acid Filtrates Obtained after Removal of Iron from Kaolins - V. V. Lapin and D. V. Tishchenko .....	1797	1908
Composition of Commercial Undecalactone - V. M. Dashunin, G. A. Samotuga, and N. V. Rodionova .....	1798	1909
Separation of Elements in Spent Liquor after Pickling Cr18Ni10Ti Steel - R. M. Slobodova, P. V. Dybina, and N. N. Balashova .....	1801	1911
Investigation of Liquid-Vapor Equilibria in Multicomponent Systems with the Aid of Vapor Pressure Measurements - T. A. Buevich and V. T. Zharov .....	1805	1915
Liquid-Vapor Equilibrium in the Benzene-Acetic Acid System - M. L. Molochnikov, T. S. Kudryavtseva, and V. B. Kogan .....	1807	1916
Some Characteristics of the Thermomechanical Properties of Glass Fabrics - V. P. Kurkin and M. N. Bessonov .....	1809	1918

The Russian press date (podpisano k pechati) of this issue was 8/11/1969.  
Publication therefore did not occur prior to this date, but must be assumed  
to have taken place reasonably soon thereafter.

Available from Consultants Bureau

# INDEX TO AUTHORS

This index does not include authors listed in the cover-to-cover tables of contents.

## - A -

Abbasov, A.	6
Abd ar-Rahman, Ayit	16
Abdinov, O. B.	105
Abramson, G.	2
Achil'diyev, I.	2
Ackermann, W.	68
Adam, R. W.	115
Adamitsch, W.	51
Adamov, G. I.	48
Afrsymbovich, Ye. L.	112
Aimi, N.	59
Aingorn, M. A.	102
Akhlynov, I. Ya.	36
Akimov, I. A.	103
Akio Kumada	90
Akritov, N.	35
Akulichev, V. A.	105
Alekseyev, N.	26
Alekseyev, V. A.	104, 111
Alekseyeva, N. I.	36
Alekseyevskiy, Ye.	26
Alenius, Ele	13
Aleshin, Ye. R.	110
Aliyev, R. G.	63
Aliyev, S. M.	46
Alkhazov, G. D.	107
Allam, G.	86
Allary, R.	68
Amano, I.	55
Ambartsumyan, S. A.	108
Ambartsunyan, T. I.	76
Ambrashevich, V.	69
Ammon, R. V.	53
Anrein, W.	60
Anrhein, E. M.	85
Anashkin, Grigoriy Zakharovich	7
Ancker, F. H.	82
Ando, T.	90, 104
Andriyanov, D. N.	24
Andriyanov, D. P.	24
Andropov, V. G.	111
Androsov, V.	110
Anisimova, I. V.	73
Anoshkin, N. F.	71
Antonov, Yu. N.	61

Anukhina, A. M.	38
Apokorin, D. S.	93
Arabadzhi, V. I.	31
Armi, Y.	91
Arbuzov, B. A.	46
Aril, E.	70
Arkadiyev, D. A.	94
Arlie, J. P.	86
Armand, N. A.	104
Armentano, E.	44
Arnold, J.	80
Aronov, D. A.	109
Arsenyeva-Geyl, A. N.	112
Artemov, Ye. A.	117
Artobolevskiy, I.	4
Artsybashev, V. A.	61
Arutyunyan, R. P.	73
Aryshenskiy, Yu. M.	74
Asahara, T.	59
Asano, H.	91
Asano, K.	91
Ashimbayev, T.	1
Astacio, J. N.	45
Atlas, Z.	1
Audebert, M.	118
Audit, P.	113
Autrum, H.	43
Avakyan, M. S.	103
Avduevskiy, V. S.	109
Aziz El Sayed, I. A.	53
Azrilliyant, P. A.	93

## - B -

Baba, R.	56
Babichev, F. S.	49
Babin, Ye. P.	48
Bachmann, Kurt	14
Backhausz, R.	43
Badaloni, Nicola	14
Baenziger, D. J.	99
Bagdanowicz, S.	9
Bagramyan, I. Kh.	6
Bakutkin, A. B.	46
Balas, J.	68
Balashev, L. L.	26
Balayev, N. I.	7
Balcerski, A.	100



Balciunas, A.	55
Baldermann, E.	43
Balta, P.	116
Baltra Cortes, Alberto	22
Balyan, A. M.	72
Bancila, Aurel	10
Barabov, V. V.	102
Barashenkov, V. S.	105
Barat, Eugen	10
Barchenkov, S. A.	6
Bardeau, H.	31
Bardenheuer, F.	87
Bardina, R.	2
Bareyikis, V. A.	110
Baroch, J.	79
Barragan, M. S.	100
Barsanova, N. G.	37
Barta, Z.	79
Bartlma, F.	115
Barton, K.	88
Bartosek, Karel	11
Bartosevich, R. D.	72
Baruk, H.	41
Baryshev, I. V.	67
Batache, Karim	15
Batalin, G. I.	109
Batalina, T. S.	32
Batalli-Cosmovici, C.	114
Batory, G.	43
Bauer, K.	52
Bauer, M.	86
Baumann, Herbert	17
Baumel, A.	51
Baxa, J.	84
Bayazov, D. I.	109
Baybakova, L. L.	76
Becker, G.	99
Becker, H.	87
Becker, Laurence W.	117
Belavskiy, V. A.	5
Belik, P. A.	6
Belkin, V.	3
Belkina, M. G.	93
Belous, V. M.	102
Beltrani, G.	44
Belyak, K.	95
Belyayev, A. I.	72
Belyy, V. A.	112
Benda, M.	78
Benes, F.	77
Benkei, Andras	11
Benvenuti, P.	89
Berdova, G. V.	76
Beregovoy, M. T.	5

Bermann, Istvan	9
Bernshteyn, M. S.	73
Bernshteyn, S. I.	46
Berthelin, M.	50
Berthold, P. H.	52
Bertinov, A. I.	109
Bertone, Franco	13
Bestuzhiv-Lada, I. V.	64
Bianu, I.	10
Bilida, Y. V.	76
Binikova, T. N.	61
Birman, B. A.	31
Bitschkowski, Horst	11
Bittner, G.	43
Blagonravov, A. A.	8
Blagoveshchenskiy, M. N.	104
Blatrix, Ch.	41
Blaunshteyn, I. M.	47
Blechet, J. J.	50
Blouquin, J.	81
Blume, H.	52
Blyakhman, L. S.	3, 32
Bobeyev, A.	34
Boblov, L. N.	96
Bobrovnik, I. I.	60
Boeck, W.	69
Boehmer, B.	80
Boetius, M.	53
Bogochenko, L. P.	27
Bogatko, S.	95
Bogatova, Z. K.	46
Bogdanik, G. N.	63
Bogdankevich, L. S.	106
Bogdanov, M. A.	64
Bogdanova, N. B.	113
Bognar, Jozsef	9
Bogomolov, G. V.	63
Bogomolova, F. I.	25
Bokshsteyn, S. Z.	71
Bondarenko, V.	5
Bondaryuk, A.	27
Bonner, F.	83
Bonnet, A. G.	97
Borisenko, V. M.	109
Borisov, P. M.	29
Bornschein, H.	43
Borovikov, A. M.	31
Borovkova, S. A.	102
Borowik, S.	26
Borrajo Guadarrama, E.	45
Borrat, Hector	22
Borushko, V. S.	66
Borzdyka, A. M.	75
Botnikov, M. Ya.	47

Bouyet, P.	41
Bourse, P.	41
Bouvier, P.	81
Bozhlov, B.	33
Bozo, Miti	28
Braginskiy, G. I.	101
Brandis, H.	52, 84
Braun, D.	53
Braun, M. P.	94
Brecht, W.	86
Breitenstein, W.	13
Brekhin, N. I.	95
Bremer, H. G.	28
Brenner, M.	52
Bresler, S. Ye.	37
Breydo, I. I.	100
Breyer, Siegfried	12
Breyer, Von Siegfried	12
Brik, I. L.	33
Brinkschulte, H.	115
Brochenin, P.	80
Brodskiy, A.	96
Brown, E. D.	89
Bruno, M.	44
Brylev, G. B.	104
Bubnovskaya, V. N.	49
Buck, L.	80
Budker, G. I.	105
Budnikov, P. P.	76
Bunzhe, V. G.	48
Bunzl, K.	54
Burdak, V. D.	39
Burghardt, O.	87
Burgov, V. A.	67
Burianek, J.	50
Buryak, Borys	7
Bus, W. C.	53
Butterling, B.	87
Buyakova, P. S.	29
Buyanova, Ye. I.	63
Buylov, S.	27
Buzanov, J. F.	27
Buzek, Z.	77, 78
Byalobzheskiy, A. V.	48
Bykhovskiy, M. L.	34
Bykov, N. Ye.	38

- C -

Cabieses Donoso, Manuel	22
Cabral, Amilcar	17
Cabral, Luis	16
Cadoret, R.	53
Calderon, Enrique	41

Canow, H. J.	51
Cechura, F.	76, 77
Cervený, L.	89
Chabou, Driss	16
Chaley, A. V.	106
Chalikova, Ye. K.	63
Chang, P. H.	40
Chankvetadze, G. G.	106
Chaplinskaya, S. M.	44
Chaplygin, N.	27
Chaplygina, A. S.	30
Chapot, A.	118
Charlon, N.	41
Chassaing, J. P.	65
Chayika, I. K.	34
Chazov, Ye. I.	35
Che Viet Tan	19
Chekanov, A.	4
Cherepok, G. V.	49
Cherkasov, Yu. A.	102
Chernikov, V. A.	100
Chernyan, V. I.	68
Chernyy, M. G.	24, 25
Chezlepretre, B.	113
Chibisov, K. V.	103
Chikin, K. G.	25
Chmelar, I.	78
Ch'oe P'il-won	19
Christu, N.	83
Chu Ho	19
Chuchmarev, S. K.	72
Churayeva, A. M.	102
Chursin, V. N.	47
Chyarnauskas, V. Yu.	32
Clausen, J. E.	40
Cohen, J. P.	113
Cohn, P.	105
Colita, Decebal	13
Colling, G.	98
Colomer Sala, J.	45
Comes, F. J.	115
Constantinescu, M.	60
Contzen, H.	43
Coupry, G.	25
Coxworth, E. C. M.	28
Cramer, F.	51
Crussard, C.	81
Cumo, M.	115
Czernotzky, A.	54

- D -

Daehne, S.	53
Dahl, W.	87, 88
Danilkin, I. I.	106

as, G. N.	88
Paulnis, V. I.	92
Paulzenberg, V.	85
Davankov, A. B.	49, 75
Davilova, L. V.	37
Davis, E. J.	84
Davydov, V. G.	72
Dayimov, N. I.	72
Dedek, V.	77
Dekhtyar', M. I.	93
de Laffolie, H.	52
Delavignette, P.	53
Demichev, P.	3
Demin, G. I.	47
Dennis, W. F.	81
Derbenev, Ya. S.	105
Derkach, G. M.	25
Despres, P.	68
Dickel, G.	54
Dieter, O.	43
Dikanskiy, N. S.	105
Dimitrov, Atanas	8
ad-Din, Khalid Muhyi	17
Diomidov, B. B.	73
Dmitriyeva, N. G.	39
Dobrovinskiy, B.	3
Dochkin, V.	27
Doerffel, K.	86
Dokuchayev, M. M.	49
Dolinskaya, R. A.	108
Dolique, J. M.	113
Doltornyazov, I. K.	33, 46
Dombkovskaya, Ye. P.	29
Donatova, V. P.	101
Doronin, Yu. P.	63
Dorri, M. Kh.	105
Dovgyallo, Ye. N.	30
Draganik, B.	44
Drits, M. Ye.	70
Drobysheva, S. S.	37
Dronov, Z. P.	111
Drozdov, Yu. N.	71
Druin, V. A.	105
Drumm, H.	43
Dryon, L.	41
Dubinskiy, M. G.	109
Dubost, G.	113
Duc Son	19
Duchatel, R.	50
Dudchenko, A. A.	109
Dudnik, D. M.	75
Duffaut, P.	97
Duhring, O. M.	88

Dunayev, F. N.	112
Dunayevskaya, Ts. S.	75
Duncker, B.	93
Dupuis, M.	105
Dushin, L. A.	107
Dutz, H.	85
Dvorkin, I.	1
D'yachkova, I. B.	46
Dyatkin, V. L.	45
D'yeur, M.	4
Dzerdzeyevskiy, B. L.	30

- E -

Eichenauer, W.	115
Eichler, J.	114
Eisenack, A.	65
Elias, H. G.	53
Emilio Castellanos,	
Jose	22
Engel, W.	87
Engelbrecht, H. M.	42
Engelhardt, K.	89
Etz, H. U.	86
Exner, H. E.	86

- F -

Fal'kovich, M. I.	47
Fallou, B.	81
Fanelli, M.	100
Farkhadov, A. A.	72
el Fassi, Allal	16
Faustova, V. F.	63
Fediy, S. P.	39
Fedorchenko, I. M.	73
Fedorov, V. I.	107
Fedosov, K.	6
Fedotov, S. G.	72
Fel'dman, Ye. L.	117
Fendler, H. G.	114
Fengel, D.	43
Ferrari, E.	117
Fershee, S. J.	82
Fette, P.	105
Fialkovs'ka, O. V.	49
Fiedler, H.	102
Figichev, A. I.	62
Filatov, A. N.	34
Filatova, T. A.	27
Filippova, A. A.	70
Finkler, H.	82
Filatova, Z. A.	37

Flaughaut, Jean	113
Fleck, B.	69
Flemming, G.	31
Flerov, G. N.	105
Fligge, M.	51
Frankhauser, H.	69
Franklin, Mario-Lucio	21
Frantov, G. S.	102
Franz, M.	50
Frehn, F.	84
Freidin, M. M.	47
Freile, A. J.	32
Freile, Alfonso J.	23
Freytag, R.	81
Fridkin, V. M.	101
Friederici, L.	51
Friedrich, K.	52
Froelich, J. C.	17
Fruchart, R.	114
Fuchsmann, Philippe	13
Fuerstenberg, H.	42
Fujimoto, T.	59
Fujiwara, K.	58
Fukui, K.	59
Furst, H.	51
Furukawa, Y.	91
Furuse, H.	59

- G -

Gabasov, R.	66
Gabriel, J.	85
Gadzhiev, Sh. S.	71
Gaechter, A.	99
Gamaskin, Ye. I.	49
Gambino, Antonio	14
Ganaj, Shpresa	28
Gans, Wigbert	115
Gansheimer, J.	54
Gardon, J. L.	81
Garetskiy, R. G.	64
Garmendia, J.	32
Gasbatenko, V. Ye.	76
Gauze, G. G.	33
Gavrilova, A. A.	48
Gehrke, K.	52
Gerasimov, I. P.	62
Gerischer, H.	53, 54
Gerritzen, F.	42
Gerstenberg, B.	88
Gertsenzon, A.	7

Ghigliarza, E.	60
Gilev, Yu. M.	35
Gilvarg, A. E.	69
Gindilis, L. M.	29
Ginodman, G. M.	48
Girard, M. B.	50
Gitina, R. M.	49
Gladishevs'kiy, Ye. I.	76
Glazovskiya, M. A.	62
Glazunov, S. G.	71
Glichev, A. V.	24
Glikin, D. S.	48
Glukhovtsev, A.	3
Gluvacov, A.	10
Goberman, V. A.	26
Goelden, H. D.	84
Goette, E.	84
Goldayev, I. P.	117
Goldenberg, V. I.	47
Gol'din, S. V.	60, 61
Golebiowski, F.	9
Golosovskiy, S. I.	118
Golovachik, V. T.	105
Golovkin, A. V.	109
Golubeva, Ye. L.	40
Gombos, F.	44
Gomolyako, S. Ye.	37
Gondek, Zenon	9
Gondouin, M.	51
Gonikberg, M. G.	47
Gonzalez Lopez, J. L.	21
Goral, H.	116
Gorbatenko, V. Ye.	76
Gorbonitskiy, G. B.	61
Gordiyenko, V. I.	67
Gordiyets, B. F.	108
Gordon, Z. V.	37
Gorincu, Gheorghe	10
Gorlov, V. B.	96
Gorobtsov, V. M.	68
Gorokhovskiy, Yu. N.	101
Gorshenin, K. P.	62
Gorshkov, S.	14
Goryachkin, V. I.	73
Goryunov, N. S.	2
Goryushin, V. A.	44
Goto, S.	90
Gottlicher, S.	54
Goxho, Naum	12
Grabowski, J.	93
Grachev, A.	6
Graff, P.	86

Reger, M.	40
Regereaux, M.	109
Regorio, E.	115
Grenier, G.	81
Grenier, P.	80
Grenishin, S. G.	102
Gribakin, G. G.	101
Gribov, V. N.	105
Grigor'yeva, N. M.	27
Grlc, L.	44
Grodzyanskaya, T. M.	62
Gromov, D. F.	2
Gromov, V.	72
Grossgarten, H. D.	105
Groth, O.	45
Grumbrecht, K.	65
Grum-Grzhimaylo, I. V.	71
Gudkov, A. N.	31
Gudopp, Wolf-Dieter	14
Guenther, F. A.	99
Guittard, Micheline	113
Guliyayeva, A. M.	64
Gundel, H.	114
Gurevich, S. B.	101
Gurov, A. F.	95
Gurylev, G. G.	71
Gusakov, M. A.	32
Gusev, A. G.	39
Guske, Hubertus	12
Gutierrez, Carlos Maria	22
Guzej, J.	78
Gygax, H. R.	69

- H -

Haase, B.	84
Hagiwara, T.	91
Hahmann, O.	51
Hahn, F. L.	53
Hahnemann, H. W.	117
Haler, G.	81
Hamel, P.	114
Hancle, J.	77
Hanszen, K. J.	69
Hara, S.	70
Harada, M.	56
Harmel, Claude	13
Hartmann, Albrecht	25
Hartmann, F.	43

Hausknecht, D. G.	60
Hautefeuille, M. F.	68
Havlicek, E.	77
Hayashi, I.	57
Hayashi, K.	90
Hecer-Over, F.	89
Heckel, W.	52
Heckner, F.	42
Hegner, P.	50
Heil, B.	54
Heitz, G.	81
Helge, H.	42
Hellwege, K. H.	115
Henneke, H.	82
Hensen, Karl	53
Herbst, W.	84
Hermansson, C. H.	14
Herms, W.	102
Hernandez Parker, Luis	21
Herold, H.	13
Herold, W.	83
Hibi, S.	58
Hiemstra, P.	53
Himmler, F.	99
Hinrichs, E.	89
Hirai, H.	58
Hirata, M.	58
Hiroji Mochizuki	115
Hirschfelder, H. D.	84
Hlineny, J.	77, 78
Hohmann, E.	9
Hollitscher, Walter	14
Hollriegl, H.	49
Holzgruber, W.	85
Holzmann, M.	79
Homsho, S.	65
Hons, J.	77
Hori, Y.	55
Horn, E.	84, 114
Hrbek, A.	79
Hrubec, J.	79
Hsiang Chuan-shu	20
Hsu Hua-Ying	31
Hua Pao-ting	49
Hubert, P.	105
Hummitzsch, W.	82
Hutla, A.	78
Huwaydi, Fihmi	96
Hyon Myong-jun	19

- I -

Ichickowa, W.	100
Ichikawa, R.	5
Ichikawa, Y.	59, 92
Ide, F.	92
Igumenshchev, Ye. D.	71
Iijima, K.	58
Ikeda, T.	92
Ikuma, S.	31
Ilarionov, S.	27
Iliev, Dragan	8
Imamura, J.	56
Imbaud, R.	81
Imoto, M.	56
Imoto, T.	57
Inai, R.	92
Ingultsov, V. L.	109
Inokuchi, T.	91
Inokuma, T.	91
Inoue, M.	92
Inoue, Y.	59
Ionita, Gh. I.	12
Ionita, Ion	12
Iseli, W.	88
Ishibashi, T.	55
Ishii, T.	116
Ishikawa, F.	116
Ishlinskiy, A. Yu.	8
Istomin, G. A.	101
Iticovici, I.	10
Ito, I.	92
Ito, Y.	55
Itoh, K.	57
Ivanov, A.	26
Ivanov, G. I.	61
Ivanov, V.	7
Ivanov, Yu.	117
Ivanov-Muromskiy, K.	36
Ivanov-Muromskiy, K. O.	40
Ivanovskiy, V. M.	110
Ivanyuta, L. I.	33
Ivchenko, V. M.	116
Ivchenko, V. V.	95
Ivlev, A. M.	62
Iwami, I.	57
Iwamoto, Y.	91
Izmaylov, S. V.	103

- J -

Jacobi, W.	114
Jacovlev, Georges	113
Jaenichen, E.	84

Jankovic, M.	44
Jann, H.	99
Janousek, I.	76
Jaros, S.	50
Jarosch, Kl.	43
Jeanet, M. B.	50
Jech, J.	77
Jedlicka, J.	76
Jicha, A.	79
Jidai, E.	104
Jon, R.	80
Jones, V. V.	103
Jorgensen, Claus Ingemann	13
Juhasz, A.	89
Juracka, F.	49

- K -

Kachanovskaya, I. S.	75
Kadaner, Ye. S.	70
Kagan, R. L.	94
Kagan, Yu. M.	53
Kaganovich, I. N.	71
Kaiser, D.	42
Kaiser, H.	99
Kakiuchi, H.	59
Kal'manson, Ye. V.	102
Kaluzhskiy, I. I.	74
Kalweig, Werner	11
Kamewada, M.	55
Kamnev, P. V.	73
Kamov, N. I.	94
Kan, S. N.	109
Kanayama, Y.	38
Kanellakopulos, B.	53
Kapustinskiy, A. F.	112
Karakozov, Ye. S.	72
Karaulov, A. G.	73
Karimov, Yu. S.	45
Karlyuk, I.	28
Karnasut, Prida	45
Karnaukhov, L.	7
Karpevich, A. F.	38
Karpov, L.	1
Kartuzhanskiy, A. L.	101
Karwat, E.	54
Kasatkin, V. I.	113
Kashtanov, A. I.	105
Kaspar, Jaroslav	8
Kasparova, O. V.	71
Kastrikin, L. I.	32
Kas'yan, M.	95
Katayama, Y.	117
Kato, E.	56

Kato, J.	55
Kato, S.	59
Kawabata, S.	104
Kawamura, H.	55
Kawana, Y.	116
Kayinova, G. Ye.	70
Kazaryan, L. G.	75
Kazu, I.	103
Kazuo, N.	103
Kecki, Z.	59
Kedrinskiy, V. K.	108
Kehrer, H. P.	88
Keitsiro Aizu	90
Kempf, R.	87
Kepka, M.	79
Kerkhof, F.	85
Kersch, P.	79
Kett, M.	80
Khalikov, R. Kh.	74
Khalilov, Kh. M.	108
Khamalakh, R. F.	71
Kharitnikov, V. V.	108
Khasin, L. S.	93
Khatamkulov, G. Kh.	94
Khaujah, Ahmad	15
Khaykin, M. S.	103
Kheynman, A. S.	101
Khizhnyakov, V.	27
Khlestkov, Yu. A.	110
Khoja, Ahmad	28
Khutorezky, G. M.	117
Khvatkov, G.	4
Kiizu, Y.	92
Kikukawa, K.	55
Kilinskiy, I. M.	102
Kimura, T.	89
Kind, T. W.	35
Kink, A.	117
Kipurov, B. F.	67
Kirillov, I. I.	108
Kirillova, F. M.	66
Kirmann, A.	50
Kiselev-Gusev, V. V.	67
Kitahara, T.	92
Kiyatkin, A.	95
Klabukova, Z. I.	76
Klamann, D.	51
Klanner, T. Ye.	102
Klauson, V. I.	4
Kleeschulte, H.	87
Kleinert, H.	99
Klestov, Yu. I.	61
Kletecha, Z.	78
Klimov, K. I.	74
Kliuchareva, O. A.	38

Klyuev, M. M.	70
Knacke, O.	115
Kobayashi, H.	92
Kobayashi Takashi	18
Koch, H.	84
Koch, K.	84
Kochendorfer, A.	87
Kodakovskiy, I. L.	46
Kodama, H.	91
Koenig, H.	89
Kofler, L.	52
Kogan, Sh. M.	112
Kogan, V. M.	104
Kohler, E.	88
Kohn, A.	81
Kolbanovskaya, A. S.	73
Kolesnikova, V. N.	30
Kolesov, Boris	118
Kolmogorov, A. N.	93
Kolobov, G. G.	96
Kolosov, I. I.	36
Kolosov, M. A.	104
Komarov, N.	6
Komarov, V. L.	34
Komori, S.	55
Konchakovskaya, L. D.	73
Kondalyev, A. I.	68
Konovalov, Hennadiy	7
Konovalov, Ye. I.	36
Konstantinov, F.	4
Koo Chen-Chao	31
Kopacsi, Erno	28
Korcek, S.	84
Kornilov, I. I.	72
Korobeynikov, A.	95
Korobov, M. A.	75
Koroteyev, A. S.	108
Korshak, V. V.	49
Kortnev, A. V.	107
Kortov, V. S.	109
Korzhuiev, P. A.	37
Kos, V. M.	110
Koshlyak, V. A.	61
Kosmider, H.	87
Kostarev, V. V.	31
Kostromin, A. S.	47
Kotelkin, A. S.	72
Kotin, N. J.	63
Kotov, A. P.	105
Kotov, G. N.	46
Kotov, Ya. P.	109
Kovalev, D.	7
Kovalevskiy, V. V.	117
Kovrizhnykh, L. M.	106
Kozelsky, P.	78

Kozhemyako, V.	4
Kozhevnikova, B. N.	61
Kozhinov, V. F.	49
Kozlov, G. B.	73
Kozlov, N. N.	27
Kozlov, Yu. N.	29
Kozlovskiy, D. A.	38
Koz'min, N.	5
Kozyelska, A.	92
Kraemer, V.	65
Krahe, J.	82
Kramer, H.	84
Krasil'nikov, N. A.	34
Krasnobayev, N.	2
Krasnova, I. A.	71
Krasnyi-Admoni, L. V.	102
Krassig, H.	88
Krasyuk, N. P.	31
Krause, H. W.	88
Kravchenko, A. T.	36
Kravchenko, S. A.	69
Kravtsov, N. V.	110
Kravtsov, S. S.	93
Krayzmer, L. P.	32
Kriss, A. Ye.	35
Krivoglaz, M. A.	112
Kroeger, Herbert	11
Krogmann, U.	104
Kromina, L. V.	46
Krose, G.	85
Krotova, N. A.	47
Krouzek, J.	50
Krumbiegel, D.	28
Krylov, G. N.	67
Kryuchkov, L. A.	74
Ku Liang	20
Kuchayeva, A. G.	40
Kudelka, I.	76
Kudinova, V. S.	47
Kudrina, Ye. S.	33
Kudriyashov, A. F.	38
Kuenssberg, U.	53
Kuessner, H. G.	25
Kufa, F.	78
Kukin, D.	4
Kuksin, I. B.	24
Kulagin, I. D.	109
Kulikov, O. F.	108
Kuliyev, A. M.	46
Kulsgin, G.	2
Kulukhin, V.	6
Kunev, Strakhil	28
Kung Hsiao-Wen	18
Kunin, R.	54
Kunitake, T.	91

Kunugi, T.	116
Kuo Hsi-jen	96
Kursetz, E.	83
Kusina, S. I.	75
Kuska, V. I.	62
Kuskevich, I.	2
Kustov, V. V.	36
Kutin, V. A.	72
Kuziemski, Henryk	44
Kuzin, L. Ye.	47
Kuzmenko, P. P.	112
Kuznetsov, A. P.	37
Kuznetsov, B. A.	105
Kuznetsov, P. S.	96
Kuznetsov, V. D.	33

- L -

Labecki, W.	10
Labye, Y.	97
Lach, T.	92
Lacomble, M.	83
Lago, B.	65
Landau, Benyamin	18
Lang, J.	77
Lang, Nicolas	16
Langer, K.	50
Lapayeva, I. A.	39
Lapicciarella, Renzo	14
Lapin, B. A.	39
Lashkov, A.	27
Latzo, Anton	11
Laubier, L.	65
Laumann, H. J.	85
Launay, L.	41
Lautenschlager, W.	89
Lavaud, Michel	50
Lavrent'yev, G. Ya.	103
Lavrent'yev, M. I.	72
Lazar, Costinel	10
Le Clerc, P.	81
Ledac, A.	81
Ledenev, V. G.	61
Legendre, Robert	94
Lehnert, G.	99
Leistner, M.	52
Lekhnitskiy, S. G.	95
Lengyel, Bela	118
Len'kova, L. N.	73
Lennartz, G.	52
Lenova, G. A.	31
Lepneva, S. G.	35
Lerman, V. S.	67
Leroy, G.	68
Lerz, H.	65



Leshcheva, T. S.	38
Lesina, L. A.	24
Levanidov, V. Ya.	40
Levanidova, I. M.	40
Levi, S. M.	101
Levikov, A.	118
Levin, I.	2
Levkoyev, I. I.	101
Librescu, L.	116
Liebmann, H. K.	42
Lifshits, Ye. B.	101
Linnik, W.	115
Lishko, V. K.	46
Lisitsyn, V.	1
Listov, V. A.	74
Litvinenko, V. Yu.	101
Litvinov, M. A.	35
Liyelausis, O. A.	94
Lobastov, Yu. S.	106
Loeffler, L.	85
Loehr, A.	99
Loganovskiy, N. G.	34
Lomachenkova, T. A.	101
Lomidze, G.	5
Lopatskiy, S. G.	111
Lopker, E. B.	51
Lopukhova, N.	5
Loskutov, K. N.	109
Lowell, J. A.	81
Loytsyanskiy, L. G.	114
Lucas, P.	68
Luethl, H.	69
Lukes, Z.	68
Lukonina, H. K.	38
Lukyanchikov, G. S.	106
Lutay, N.	95
Lyamin, V. A.	34
Lyashchenko, N.	5
Lyashenko, A. F.	74
Lysenko, Ye. S.	32
Lyubashevskiy, G. S.	66
Lyubchenko, I. S.	24
Lyubimov, A. A.	63
Lyubimov, G. A.	63

Maass, E.	69	Maslennikov, V. P.	48
Machu, W.	86	Maslyanskiy, G. N.	47
Madziar, J.	100	Masson, A.	82
Maeda, M.	58	Mastagunin, I. V.	34
Maekawa, T.	90	Masthoff, G.	69
Maekawa, Y.	116	Matijevic, G.	43
Mageramov, Ch. M.	39	Matsuba, T.	90
Makarenkov, P.	27	Matsuko, K.	89
Makarova, T. V.	107	Matsumoto, H.	58
Makarovskaya, L. N.	33	Matsumoto, M.	91
Maksimovich, A. Ye.	37	Matsuoka, T.	91
Maksudyan, A. S.	100	Matsuura, R.	59
Makulski, W.	26	Matthai, H.	88
Makurin, N. V.	30	Matvyenko, V. I.	101
Malanchuk, Valentin	4	Mayorov, F. V.	66
Malat, M.	49	Mazanek, E.	87
Malevskiy-Malevich,		Mazing, G. Yu.	104
S. P.	62	Mazo, G. S.	101
Malinovska, E.	80	Medinaradze, D. A.	30
Malyshev, A.	3	Meary, R.	118
Malyshev, A. I.	110	Mechalska, K.	59
Mamayev, B. M.	32	Medvedev, K. I.	109
Mamicheva, L. M.	25	Meister, R.	85
Mamillan, M.	96	Melik-Pashayev, N. I.	24
Mammarella, E.	44	Melikyan, Ye. G.	103
Manchkha, P.	17	Mel'kanovich, A. F.	102
Manescu, R.	10	Mel'kumov, T. M.	24
Manina, J.	54	Mel'nikov, N. N.	48
Man'ko, Ye.	95	Mel'nikova, N. I.	75
Mar, N.	4	Mercalova, O. B.	30
Marazio, A.	99	Merkle, K.	84
Marchenko, G. A.	110	Merl, W.	105
Marco, A.	44	Merlini, C.	115
Marfels, H.	85	Merson, F. L.	32
Margaritov, N. M.	40	Meyer, L.	88
Marie, R.	41	Micheli, J.	79
Marinescu, M.	70	Michelis, T.	89
Markin, A. A.	32	Mikayelyan, I. I.	72
Marko, L.	54	Mikhalev, P. V.	40
Markov, M. S.	64	Mikhalevskiy, V. I.	102
Markov, V. A.	74	Mikhayelyan, B. N.	107
Markovits, Mihaly	11	Mikhaylov, Yu. A.	108
Marks, A.	118	Mikheyev, V. P.	49
Markwitz, W.	69	Mikhnevich, V. V.	29
Marmorshtein, L. M.	62	Mikolayevskiy, Ye. Yu.	63
Maroszczyk, V.	77	Mikulenok, V. Ye.	67
al-Marqrani, Abdel		Milman, B.	68
Majeed	28	Mil'shteyn, V. V.	36
Martinek, A.	52	Minayev, Ye. S.	24
Martinez, A. P.	45	Minayev, V. V.	102
Martinez, Jose Jorge	22	Minko, I. S.	3
Mar'yanov, B.	4	Minoura, Y.	57, 58
Mashio, E.	59	Mints, R. I.	109
		Mirianashvili, M. L.	35
		Mishin, I. A.	94

Missol, W.	93
Mitran, Ion	11
Mitropol's'kiy, Yu. O.	118
Mitskevich, V. F.	27
Mitsuno, M.	59
Mix, G.	87
Miyajima, H.	116
Miyamichi, K.	91
Miyashita, Kyoichi	90
Miyazaki, K.	57
Mkryan, T. G.	45
Mocanu, C.	29
Mocikova, P.	49
Moecks, L.	68
Mohr, H.	43
Moiseyev, N. N.	111
Moiseyev, P. A.	33
Moiseyev, S. V.	25
Molchanov, I. M.	94
Moldavskiy,	70
Molitor, W.	52
Moller, H. G.	69
Molyshev, V. I.	66
Momarov, V. L.	34
Monakhov, F. I.	61
Monastyrev, V. K.	60
Monin, A.	29
Monin, A. S.	29,30
Monnier, J.	41
Montgremier, Augier	69
Montil'o, I. A.	74
Moravek, O.	79
Morawietz, W.	83
Morgenroth, P.	65
Mori, A.	92
Moriaze, M.	55
Morikawa, T.	55
Morimoto, S.	91
Morozova, L. P.	47
Mosch, W.	69
Moshkevich, E. I.	70
Moskalev, Yu. I.	111
Moskvin, A. V.	76
Motornenko, A. P.	117
Mueller, W.	87
Mukai, S.	65,66
Mukhin, Yu. V.	63
Muller, F.	82
Mulser, P.	114
Munin, A. G.	25
Muradyan, A. G.	111
Murashko, V. M.	108
Muratova, B. V.	108
Muremtsev, A. M.	62
Muzychenko, V. P.	74
Mykytenko, Oleh	7

- N -

Nadel', S.	3
Nafikov, Ye. M.	108
Nagai, S.	58
Nagamoto, R.	100
Nagao, H.	92
Nagata, T.	92
Nakae, H.	90
Nakajima, S.	58
Nakamura, E.	57
Nakamura, Y.	53,100
Nakata, T.	89
Nakatsuka, K.	92
Nakhodkin, N. G.	103
Nambu, H.	59
Naokawa, J.	58
Nastagumin, I. V.	34
Natsibullin, F. Ya.	47
Nazarov, M.	5
Nedev, D.	8
Nefedov, O. V.	49
Negodayev, N. N.	102
Negruckij, S. F.	33
Neimo, L.	80
Nemecek, J.	40
Neprochnov, Yu. P.	60
Nerpin, S. V.	60
Neruchev, S. G.	61
Nesmelov, S. V.	46
Nesterenko, D. A.	47
Nesterov, P. P.	110
Netkachev, G.	26
Neumann, W.	114
Nevski, D. U.	117
Neymark, Ju. I.	93
Nguyen Luong Bang	20
Nickel, H.	65
Niculescu-Mizil, Eugeniu	10
Nieschulz, O.	42
Nikitin, A. A.	63
Nikles, O. L.	93
Nikolajewski, H. E.	53
Nikolayev, A. V.	109
Nikolayev, P. V.	66
Nikolayeva, T. L.	32
Nilles, P.	85
Ninchenko, F.	94
Nishikawa, Y.	55
Nishimura, Y.	116
Niu, Ping-liang	49
Nobuoka, S.	90
Nogina, N. A.	63
Nonin, M. I.	75
Nordman, L.	93

Nezhdin, N. I.	51
Nezhdin, N. I.	59
Nezhdin, N. I.	71, 72
Nezhdin, N. I.	113
Nukishuna, Y.	103
Nunez Jimenez, Antonio	23
Nuzhdin, N. I.	40
Nyers, Rezso	9

- O -

Obdrzalek, O.	77
Obuka, T.	92
Oda, R.	56
Ofuna, T.	92
Oganesyan, K. T.	45
Ogawa, M.	55
Oggero, J.	89
Oginskaya, Ye. I.	71
Ohki, K.	57
Ohle, Waldemar	42
Ohshika, T.	56
Ohtani, M.	91
Ohtsu, T.	56, 89
Okada, J.	90
Okamura, S.	55, 59
Okamura, T.	100
Okanenko, A. S.	37
Okawara, M.	58
Okazaki, M.	92
Okoniewski, Z.	44
Oktyabr'skiy, P. Ya.	3
Olefir, A. K.	67
Oleinek, H.	50
Ono, T.	92
Onouchi, T.	56
Oprea, F.	116
Orban, F.	89
Orel, V. M.	32
Orlov, L. K.	61
Orszag, A.	29
Osipov, S. N.	64
Oszwalfoedki, M.	93
Otto, G.	86
Oudin, J. M.	68
Ovechkina, T. G.	101
Ovsyankin, Yu. N.	95
Owsinski, A.	10
Oya, K.	90
Ozaki, Z.	57
Ozmidov, R. V.	62
Ozols, P. Ya.	108

- P -

Paal, C.	51
Pactem, J.	80
Pak, Yu. Ye.	1
Paleyev, N. R.	36
Pan, V. M.	74
Panferova, N. Ye.	34
Panfilovich, V. B.	117
Panteleyev, V. V.	113
Pantelic, 'Milojica	12
Papanikolau, E.	85
Papov, V. A.	67
Paramonov, A. A.	35
Pardoe, G. I.	42
Parin, N. V.	37
Parksheyan, Kh.	3
Pataky, B.	115
Paton, B.	7
Patrikeyev, G. T.	39
Patrunov, F. G.	72
Paulis, H.	113
Paulmann, F.	98
Pautrat, R.	81
Pavel, Stefan	95
Pavlenkin, A. D.	63
Pavlov, V. G.	71
Pavon, Luis	23
Pawelski, O.	83, 88
Pawlowski, J.	114
Payan, Roger	50
Pchel'nikov, N. I.	24
Pecchioli, Ugo	14
Pechenik, L. N.	36
Ped', D. A.	30
Pense, W.	86
Perel, V. I.	53
Perelshteyn, Ye. A.	110
Perlin, I. L.	70
Perucki, T.	9
Peter, W.	82
Petrenchuk, O. P.	30
Petrenko, A. I.	67
Petrov, A. A.	30
Petrov, V. M.	32
Petrov, Yu. P.	111
Petrzhak, K. A.	101
Petuely, F.	53
Petzow, G.	86
Peyches, I.	81
Pietsch, W.	83
Pigati, A.	60
Pigati, P.	60
Piliya, A. D.	106
Pimsner, V.	70

Plavitskiy, I. Ya.	24
Plavitskiy, I. Ya.	79
Plavitskiy, I. Ya.	52
Pivinsky, Yu. Ye.	76
Plapper, J.	86
Plaskov, G.	3
Platon, E.	60
Plekin, V. Ya.	67
Plenikowski, J.	51
Pyumat, E.	81
Plyavchenko, N. I.	60
Plyusnin, V. G.	48
Podchernyayeva, I. A.	111
Podgorniy, M.	112
Podwysocki, Tadeusz	119
Poggendorf, D.	43
Pokhil'skaya, G. N.	37
Pokrovskiy, V. A.	24,25
Polanska, A.	10
Polanski, Z.	9
Polekhina, R. M.	24
Politycki, A.	88
Poloujadoff, M.	84,94
Polukhin, P. I.	71
Polyakov, V. I.	96
Ponomarenko, Ye. P.	72
Ponomarev, V.	96
Pop, G.	60
Popendiker, K.	42
Popov, G.	1
Popov, I. V.	62
Popov, R. B.	72
Popov, V.	7
Popov, Ye. P.	61
Pormale, M.	72
Porte, P.	54
Potapova, A. A.	47
Potatov, I. N.	71
Potayichuk, S. I.	64
Pozela, J. K.	110
Pradzynski, B.	100
Praeger, K.	51
Preobrazhenskaya, T. P.	33
Pribil, R.	49
Privalova, V. Ye.	101
Prnka, T.	83
Prokov'yev, D. I.	71
Proll, J.	42
Promyslov, A. A.	95
Pron'ko, V. G.	113
Propoy, A. I.	94
Prosek, J.	79
Prosek, Milos	12
Prosvirov, Ye. S.	35

Protopopov, I. Ya.	105
Pshechenkova, G. V.	48
Pshenichnyy, V. D.	108
Punnsker, Z. G.	113
Pustogarov, A. V.	111
Putseyko, Ye. K.	109
Pyatnitskaya, A. B.	102

- Q -

Quabbe, H. J.	42
Quiot, J. M.	41

- R -

Radczewski, O. E.	83
Radice, Lucio Lombardo	14
Radl, J.	76
Radominski, Z.	78
Radulet, Remus	70
Radzwicki, K.	93
Rakhlin, I.	3
Rakhmatulin, Kh. A.	111
Rappeport, L. G.	95
Ravahona, Pierre	16
Raytharg, L. Kh.	70
Razdorskaja, L. A.	36
Redr, M.	77
Rehm, G.	98
Reich, B.	51
Reinhold, Otto	11
Reinisch, G.	52
Repik, Ye. U.	96
Repsas, K. K.	110
Reyx, P.	96,97
Rezepova, A. O.	39
Richardau, M.	41
Richerd, J.	54
Richter, H.	85
Riddell, J. A.	28
Ridmuller, S.	42
ad-Din Rif'at, Kamal	17
Riguet, J.	94
Riha, K.	76
Ripan, R.	60
Ritossa, P.	44
Rocheffort, Michel	28
Rode, A. A.	60
Rodina, A. A.	49
Rodionenkov, P. A.	3
Rodriguez, Javier	23
Rodriguez Nodals, Adolfo A.	29
Roesler, F. C.	82

Rosenbusch, K.	86
Rosenfeld, G. S.	33
Rosinskiy, S. E.	106
Rosner, H.	52
Rosset, Robert	50
Rothamel, H.-J.	86
Rotta, J. C.	25
Rouhal, Z.	49
Roux, David	50
Rozen, A. A.	76
Rozenberg, V. G.	73
Rozenberg, V. I.	31
Rozhdestvenskiy, B. L.	93, 111
Ruban, M.	5
Rubanaw, A. S.	106
Rubinshtein, M. V.	30
Rubtsov, G. K.	46
Rubtsova, Z. S.	74
Rudakova, L. F.	74
Rudashevskiy, Ye. G.	45
Rudenskiy, A. V.	73
Rudolphi, H.	114
Ruetschi, P.	69
Rufert, Svatoplul	8
Rukhadze, A. A.	106
Rukovskiy, A. L.	75
Rul', Ye. F.	103
Rumba, G. Ya.	47
Rumpf, K. K.	84
Rusakova, V.	7
Rusina, N. A.	48
Ryabchikov, L. M.	112
Ryazantsev, Yu. S.	113
Rychkova, S. M.	102
Rykov, V. A.	109
Ryzhkov, L. P.	64
Ryzhkov, N.	96

- S -

Saarinen, Aarne	13
as-Sabbagh, Husayn Rashid	17
Sabinin, Yu. A.	66
Sabonnadiere, J. C.	94
Sadao Nomura	58
Sadovnikova, L. A.	75
Sadykhov, A.	2
Sadykova, A. A.	103
Safaryan, R. G.	2
Sagdeyev, R. Z.	112

Sakharov, G. S.	73, 74
Sakhiyev, A. S.	47
Sakhnovskiy, N. L.	66
Sakurada, I.	103, 106
Salakhutdinov, U. I.	46
Ibn Saleh, 'Abdul-Qader	17
Saltup, B. N.	36
Saltykov, R. A.	36
Samarskiy, A. A.	68
Samhaber, F.	49
Samoylov, A. G.	105
Samoylov, L. K.	66
Samoylov, V. G.	25
Samsonov, G. V.	111
Sarkisyan, S. A.	24
Sato, H.	59
Savchenko, O. M.	47
Savichev, G.	5
Savu, Al. Gh.	11
Scarano, E.	55
Schauer, S.	99
Schenck, H.	82
Schlumbohm, H.	115
Schmakl, N. G.	53
Schmid, J.	86
Schmidt, E.	69
Schmidt, J.	53
Schmidt, Wolfgang	14
Schmutzler, R.	42
Schneider, B.	65
Schneider, M.	118
Scholz, R.	77
Schonrock, O.	99, 114
Schroeder, H.	85
Schroeder, R.	114
Schroder, W.	69
Schubert, F.	52
Schubert, G.	43
Schuhmachers, R.	85
Schuler, K.	84
Schuller, H. J.	82
Schulreich, Edelgard	19
Schulz, D.	87
Schulz, G. W.	85
Schulz, H.-P.	42
Schulze, G.	42
Schwarzl, F.	53
Schweite, H. E.	83
Sebastyen, Tibor	9
Seifert, E.	51
Seki, T.	59
Selivanov, A. I.	26

Semahanova, N. M.	34	Sihtola, H.	87
Semenov, B. F.	39	Silin, A. A.	71
Semina, N.	96	Silvestrini, R.	44
Sempe, B.	50	Simon, G.	115
Sensse, K.	51	Simon, Michel	14
Sentyurkhina, L. N.	74	Simons, E.	42
Serdyuk, G. B.	110	Sin Su-gun	19
Serdyukov, P. N.	67	Sina, Ibrahim	11
Sergeyenkova, V. M.	49	Sinel'nikov, K. D.	110
Serobaba, I. I.	38	Sinel'nikova, V. N.	7, 118
Serri, Rino	14	Singer, F.	40
Sevcovic, Jan	8	Sinpetru, S.	44
Sgibver, A.	5	Sinyukov, V. V.	62
Sh'abani, Ali	18	Sitnitskiy, Yu. I.	110
Shabliya, A. V.	103	Sizonenko, V. L.	107
Shakutin, Yu.	26	Skiba, L. A.	118
Shalayev, S. V.	93	Sklyarov, V. M.	51
Shalimov, A. I.	64	Skolozdra, R. V.	76
Shamardina, I. P.	38	Skomorovskiy, Yu. A.	111
Shapiro, Ya. M.	104	Skopenko, V. N.	45
Sharenkov, Stefan	8	Skorokhod, V. V.	73
Shavsha, T. G.	46	Slesar, M.	78
Shchelkunov, Ye.	1	Slomyanskiy, G. A.	94
Shchelokov, A.	6	Smirnov, A. I.	39
Shchuchinskiy, G. M.	95	Smirnov, B.	27
Sheberstov, V. I.	100, 102	Smirnov, O. A.	35
	103	Smirnov, O. K.	101
Shibayama, K.	104	Smirnov, Yu. P.	36
Shilokhvostov, A. V.	95	Smoldyrev, A. Ye.	64
Shima, T.	92	Smrha, L.	80
Shimanskiy, V.	1	Snechkus, A.	5
Shimizu, A.	56	Sneh, Moshe	18
Shimodaira, S.	90	Sniecinski, Jozef	69
Shiroido, Y.	92	Sobel, S. I.	73
Shishido, C.	103	Sobolev, N. N.	108
Shishkina, O. V.	64	Soda, T.	91
Shishov, A.	4	Sokolina, Ye. D.	96
Shkadova, V. P.	109	Sokolov, A.	27
Shklover, D. A.	113	Sokolov, S. I.	62
Shlyapintokh, V. Ya.	47	Sokolov, V. A.	29
Shmatov, P.	2	Sokolovskiy, K. I.	63
Shor, G. I.	48, 74	Solar, J.	79
Shorshorov, M. Kh.	70	Solomin, A. V.	48
Shreider, A. V.	75	Solomin, V. V.	67
Shteynberg, V. B.	117	Solovev, G.	8
Shtokman, V. B.	61	Solov'yev, A. P.	3
Shuchunov, V. A.	48	Solov'yev, M. M.	105
Shugurova, N. A.	63	Solyanov, N.	5
Shuichi Suzuki	44	Somonet, W.	113
Shul'ts, N. A.	35	Somsky, P.	79
Shumilina, A. I.	40	Sorokin, V. N.	39
Shuntov, V. P.	37	Soroko, N. A.	26
Sicha, M.	77	Sotskiy, N. M.	67
Siebold, Klaus	8	Spahrkaes, H.	86
Siedlewski, Z.	10	Spegt, P.	86

Stachowiak, Z.	54
Stafiej, W.	114
Stankovskiy, A. O.	96
Spryra, R.	52
Stoka, E.	79
Stachowiak, Z.	104
Stafiej, W.	26
Stalinski, J.	119
Stanciu, I.	29
Stanescu, P.	100
Stardubtsov, S. V.	47
Starek, R.	79
Starik, D. Ye.	25
Starik, I. Ye.	60
Starodubtsev, S. V.	107
Starzinsky, D.	85
Stashuk, V. D.	67
Stefanyuk, L.	27
Stein, W.	52
Steinhauser, W.	82
Steinmetz, E.	82
Stelmakh, G. P.	47
Stepanenko, L. V.	45
Sterkhova, L. N.	75
Stihi, George	11
Stojanovic, Milenko	10
Stolovich, L.	7
Stolyarov, G. K.	66
Strakhov, B. V.	48
Strel'nikov, I. D.	29
Strole, D.	86
Struve, W.	114
Stulov, V. P.	109
Styburski, W.	116
Subbotin, V. I.	111
Sueling, C.	76
Suga, K.	57
Sugawara, H.	90
Sukhavaniya, Thawee	19
Sukhova, M. N.	34
Suleymanova, F. G.	71
Sundetov, S.	1
Sunkala, J.	76
Suter, H.	83
Suvorov, B. V.	48
Suzuki, S.	57
Suzumura, H.	59
Svechnikov, V. N.	74
Svetovidov, A. N.	40
Svetovidova, A. A.	38
Svishevskaya, G. I.	75
Svoboda, J.	79
Szczecinski, S.	117
Szentagothai, Janos	43

Szkibik, C.	52
Sztankovics, L.	89
Szymanski, St.	10

- T -

Tabenkin, Moshe	18
Tagaka, S.	116
Taguchi, Y.	100
Tahiri, Mamoun	15
Takacs, S.	114
Takahashi	103
Takahashi, A.	56
Takahashi, F.	57
Takahashi, S.	59
Takahashi, T.	103
Takai, N.	57
Takamura, H.	58
Takashima, N.	59
Takasugi Kazuo	20
Takemoto, K.	56
Takeuchi, Y.	90
Tamm, B.	66
Tamura, M.	57
Tanabe, K.	92
Tanaka, T.	55
Tananakin, Ye. I.	27
Tani, Y.	55
Taniguchi, K.	90
Tanji, H.	57
Tarama, K.	58
Tarasov, F. F.	24
Tarasov, N. I.	104
Tarchalski, Lech	9
Tarkhov, A. G.	63
Tartakovskiy, B. D.	66
Tarutina, L. I.	75
Tawara, K.	58
Tayichinov, S. N.	61
Teinsongrsmee.	
Banchong	45
Teng, C.-C.	40
Teraoka, I.	90
Terpilowski, J.	50
Teryayev, V. A.	73
Tetenyi, Pal	106
Than Vinh	29
Thanh Ha	20
Thilliez, G.	50
Thomasset, G.	25
Tikhonov, A. N.	68
Timofeyev, V.	4
Tischer, R. P.	53
Titov, V. I.	31
Tkalich, V. S.	107



To Ung-son	18
Tolmadzhev, K.	1
Tolok, V. T.	105, 112
Tolot, F.	41
Tomezak, G.	65
Topcharev, V. P.	75
Torochkov, V. Yu.	30, 31
Toshima, H.	57
Toshimobu Itoh	100
Toure, Sekou	16, 41
Fran Dong	20
Travkin, M. P.	46
Trenton, N. J.	54
Trepnenkov, I. I.	96
Tret'yachenko, G. N.	24
Tribukait, B.	43
Tripsa, I.	81
Troitskaya, V. A.	63
Tromel, G.	83
Trommer, G.	84
Troshin, O. V.	110
Truc Chien	20
Truhlarova, M.	85
Trukan, G.	3
Trusov, G. N.	46
Trzczyk, J.	117
Tserlevskaya, Ye.	27
Tslaf, A. L.	110
Tsopp, L. Ye.	106
Tsuchiya, S.	31
Tsvankin, D. Ya.	75
Tuge, T.	38
Tulyankin, F. V.	70
Turbutiu, Ch.	100
Tyal'ksnis, L. A.	32
Tyapkin, A.	110
Tyushkevich, S.	5

- U -

Uchida, M.	92
Udintsev, G. B.	64
Uebelhack, W.	115
Uebing, D.	83
Uemaki, O.	116
Ueno, S.	55
Uhlenbruck, G.	42
Ujhazy, Karol	8
Umbach, W.	52
Unger, H.	106
Urata, Y.	91
Urban, G.	82
Urban, Jerzy	10
Uribe, Herman	21
Uricar, J.	77

Urtanis, B.	7
Usanov, Yu.	24
Ushakov, M.	1
Usmanov, A. G.	108
Uspenskiy, B. A.	108

- V -

Vainshtein, V. S.	35
Vaisburd, S. Ye.	75
Vakhobov, A. V.	72
Valencia, E.	32
Van Tien Dung	20
Van Broekhuizen, Jaques	16
van der Valk, N. J. L.	25
van Esch, G. J.	42
van Nie, A. G.	68
Vargin, V. V.	74
Varvarin, G. B.	61
Varzhanskaya, T. S.	109
Vashkov, V. I.	34
Vasilescu, C. A.	70
Vasileuskas, A. P.	33
Vasil'yev, N.	6
Vasil'yeva, A. N.	106
Vasil'yeva, G.	75
Vater, H.	83, 114
Vavilova, I. V.	66
Vaysfel'd, L. O.	94
Vedenov, A. A.	111
Vekua, N. P.	93
Velchev, T.	96
Velikov, Ye. D.	111
Velikov, Ye. P.	111
Veprek, P.	85
Verblovskiy, A. M.	73
Vernov, S. N.	112
Verzhutskiy, B. N.	35
Veselkin, A. P.	107
Vetyukov, M. M.	73
Vey, A.	41
Vialaron, A. G.	91
Victorri, M.	96
Viennot, Jean-Pierre	18
Vikulin, I. M.	108
Vinnikov, A. I.	113
Vinogradova, I. Ye.	74
Vinokur, B. B.	94
Vinokur, R.	1
Vinokurova, L. N.	102
Vitol, O. A.	75
Vlaci, Ion	13
Vlasov, B. V.	96
Vlasov, G. D.	67
Vlasov, V. G.	103

Vo Nguyen Giap	20
Voitsenya, V. S.	107
Volarovich, N. P.	60,64
Volchek, I. S.	73
Vol'fkovich, S. I.	26
Volin, P.	2
Vol'kenau, N. A.	45
Volkov, A. F.	112
Voloshchenko, A. P.	24
Volvovskiy, I. S.	64
Volynkin, A. I.	67
Volynkin, N. I.	101
von Aufsess, H.	85
von den Steinen, A.	52
von Pechmann, H.	85
von Philipsborn, W.	52
von Windheim, K.	43
Vorobev, A. A.	39
Vorob'ev, V. I.	29
Vorob'yev, V. P.	32
Voss, A.	3
Voss, A. Ye.	2
Vyslouzil, Jiri	80
Vysotskiy, A. A.	73

- W -

Wada Masana	19
Wahl, G.	43
Wahlster, M.	87
Wakamatsu, T.	65,66
Waldherr, E.	87
Waldschmidt, M.	43
Wallner, H.	115
Wanot, J.	92
Wear, R. H.	59
Weber, Hermann	14
Weirich, E. G.	43
Weisshart, R.	12
Wellern, H. O.	115
Westo, Gunnel	45
Westphal, D.	106
Wiendieck, K.	98
Wierich, H.	83
Wierzbanowski, T.	66
Wiethoff, G.	88
Winkler, T.	52
Wizon, I.	82
Wojciak, W.	104
Wojick, T.	100
Wolf, F.	86
Worner, H.	31
Wrobel, B.	65

- Y -

Yajima I.	90
Yakovchenko, A.	118
Yakovenko, V. M.	113
Yakovlev, S.	26
Yakupov, V. S.	60
Yamahe, T.	58
Yamada, H.	92
Yamada, J.	58
Yamada, T.	90
Yamagata, K.	58
Yamaguchi, O.	56
Yamamoto, S.	91
Yamamoto, T.	57
Yanenko, N. N.	93,111
Yanson, F.	1
Yanushkevichus, Z.	118
Yas'ko, O. I.	108
Yasui, H.	92
Yasui, T.	57
Yatskov, L. P.	40
Yedokimov, V. D.	110
Yefendiyeva, Nilufer	4
Yefimov, G. V.	110
Yeglit, A.	1
Yegorov, V. I.	94
Yegorov, V. M.	25
Yegorov, Yu. A.	107
Yeleonskiy, V. M.	106
Yellanskiy, M. M.	62
Yelpatevskiy, A. N.	109
Yelshin, N. N.	46
Yeltekov, Yu. A.	47
Yelutin, O. P.	48
Yemel'yanova, G. I.	48
Yemel'yanova, T. A.	71
Yermenko, I. T.	47
Yermenko, N. A.	61
Yermolayev, A. D.	6
Yermolayev, V. L.	48
Yermol'yeva, Z. V.	33
Yerokhin, A. A.	46
Yershov, Yu. A.	75
Yevdokimov, A. M.	36
Yevlanov, N. G.	73,74
Yevseyenko, O.	5
Yi Ch'ol-hok	18
Yoguchi, K.	59
Yoshihiro Mori	116
Yoshino, M.	92
Yoshioka, S.	91
Yuan-Sun, H.	49
Yudelevich, M. A.	32
Yudin, N. I.	30

Yuferov, V. B.	107
Yukio Yoshizawa	65, 100
Yushkov, V. G.	102

- Z -

Zadrey, G. K.	66
Zager, L.	85
Zahrehel'nyy, Pavlo	7
Zakharova, M. S.	39
Zakhvatkina, K. A.	36
Zalesskiy, Yu. G.	107
Zalkind, V. M.	107
Zambakhidze, D. V.	70
Zaslavskiy, S. Y.	40
Zaslavskiy, Yu. S.	48, 74
Zatyka, Henryk	104
Zavaleta Mercado, Rene	22
Zaytseva, Ye. L.	49
Zelevnik, L.	79
Zelikman, A. N.	72
Zel'vyanskaya, Ye. B.	75
Zenichi Tanabe	58
Zeyssolff, Paul	99
Zezulova, M.	77
Zhadan, V. M.	64
Zharkov, V. P.	113
Zharov, A. G.	110
Zhdanov, V.	6
Zhdanova, K. P.	70
Zhikharev, I. A.	71
Zhil'tsov, V. A.	105
Zhukov, G. K.	3
Zhukov, G. P.	117
Zhukovskiy, S.	6
Zidek, M.	77
Ziegle, Philippe	118
Zimina, G. V.	68
Zimmermann, J. P.	52
Zoeppf, W. T.	98
Zolotukhina, G. I.	25
Zonn, S. V.	62
Zuharev, Yu. V.	47
Zuev, G. V.	38
Zul'fugarzade, Ye. Ye.	66
Zusman, L. L.	71
Zverev, G. I.	108
Zviyedre, I. I.	47
Zwintzsch, W.	82
Zykov, V. G.	107, 108

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Central Intelligence Agency



Washington, D.C. 20505

7 September 2004

Ms. Roberta Schoen  
Deputy Director for Operations  
Defense Technical Information Center  
7725 John J. Kingman Road  
Suite 0944  
Ft. Belvoir, VA 22060

Dear Ms. Schoen:

In February of this year, DTIC provided the CIA Declassification Center with a referral list of CIA documents held in the DTIC library. This referral was a follow on to the list of National Intelligence Surveys provided earlier in the year.

We have completed a declassification review of the "Non-NIS" referral list and include the results of that review as Enclosure 1. Of the 220 documents identified in our declassification database, only three are classified. These three are in the Release in Part category and may be released to the public once specified portions of the documents are removed. Sanitization instructions for these documents are included with Enclosure 1.

In addition to the documents addressed in Enclosure 1, 14 other documents were unable to be identified. DTIC then provided the CDC with hard copies of these documents in April 2004 for declassification review. The results of this review are provided as Enclosure 2.

We at CIA greatly appreciate your cooperation in this matter. Should you have any questions concerning this letter and for coordination of any further developments, please contact Donald Black of this office at (703) 613-1415.

Sincerely,

A handwritten signature in dark ink, appearing to read "Sergio N. Alcivar".

Sergio N. Alcivar  
Chief, CIA Declassification Center,  
Declassification Review and Referral  
Branch

Enclosures:

1. Declassification Review of CIA Documents at DTIC (with sanitization instructions for 3 documents)
2. Declassification Status of CIA Documents (hard copy) Referred by DTIC (with review processing sheets for each document)

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## Processing of OGA-Held CIA Documents

The following CIA documents located at DTIC were reviewed  
by CIA and declassification guidance has been provided.

OGA Doc ID	Job Num	Box	Fldr	Doc	Doc ID	Document Title	Pub Date	Pages	Decision	Proc Date
AD0866011	78-03109A	63	1	8	145	Consolidated Translation Survey Through 31 January 1970	1/31/1970	237	Approved For Release	3/25/2004
AD0866891	78-03109A	64	1	1	146	Consolidated Translation Survey Through 28 February 1970	2/28/1970	237	Approved For Release	3/25/2004
AD0868214	78-03109A	64	1	2	147	Consolidated Translation Survey Through 31 March 1970	3/31/1970	222	Approved For Release	3/25/2004
AD0869588	78-03109A	64	1	3	148	Consolidated Translation Survey Through 30 April 1970	4/30/1970	225	Approved For Release	3/25/2004
AD0871388	78-03109A	64	1	4	149	Consolidated Translation Survey Through 31 May 1970	5/31/1970	286	Approved For Release	3/25/2004
AD0872361	78-03109A	64	1	5	150	Consolidated Translation Survey Through 30 June 1970	6/30/1970	339	Approved For Release	3/25/2004
AD0873815	78-03109A	64	1	6	151	Consolidated Translation Survey Through 31 July 1970	7/31/1970	274	Approved For Release	3/25/2004
AD0834385	78-03109A	47	1	4	17	Consolidated Translation Survey For May 1959	6/17/1959	193	Approved For Release	3/25/2004
AD0834386	78-03109A	47	1	5	18	Consolidated Translation Survey For June 1959	7/17/1959	177	Approved For Release	3/25/2004
AD0834387	78-03109A	47	1	6	19	Consolidated Translation Survey For July 1959	8/24/1959	254	Approved For Release	3/25/2004
AD0834388	78-03109A	47	1	7	20	Consolidated Translation Survey For August 1959	9/18/1959	209	Approved For Release	3/25/2004
AD0834389	78-03109A	47	1	8	21	Consolidated Translation Survey For September 1959	10/20/1959	261	Approved For Release	3/25/2004
AD0834491	78-03109A	47	1	9	22	Consolidated Translation Survey For October 1959	11/16/1959	181	Approved For Release	3/25/2004
AD0834492	78-03109A	47	1	10	23	Consolidated Translation Survey For November 1959	12/22/1959	214	Approved For Release	3/25/2004
AD0834493	78-03109A	47	1	11	24	Consolidated Translation Survey For December 1959	1/20/1960	202	Approved For Release	3/25/2004
AD0834494	78-03109A	47	1	12	25	Consolidated Translation Survey For January 1960	2/25/1960	198	Approved For Release	3/25/2004
AD0834495	78-03109A	47	1	13	26	Consolidated Translation Survey For February 1960	2/1/1960	248	Approved For Release	3/25/2004
AD0834496	78-03109A	48	1	1	27	Consolidated Translation Survey For March 1960	3/1/1960	223	Approved For Release	3/25/2004
AD0834497	78-03109A	48	1	2	28	Consolidated Translation Survey For April 1960	4/1/1960	287	Approved For Release	3/25/2004
AD0834498	78-03109A	48	1	3	29	Consolidated Translation Survey For May 1960	5/1/1960	312	Approved For Release	3/25/2004
AD0834499	78-03109A	48	1	4	30	Consolidated Translation Survey For June 1960	6/1/1960	277	Approved For Release	3/25/2004
AD0834500	78-03109A	48	1	5	31	Consolidated Translation Survey For July 1960	7/1/1960	186	Approved For Release	3/25/2004
AD0834501	78-03109A	48	1	6	32	Consolidated Translation Survey For August 1960	8/1/1960	317	Approved For Release	3/25/2004
AD0834502	78-03109A	48	1	7	33	Consolidated Translation Survey For September 1960	9/1/1960	287	Approved For Release	3/25/2004
AD0834503	78-03109A	48	1	8	34	Consolidated Translation Survey For October 1960	10/1/1960	322	Approved For Release	3/25/2004
AD0834504	78-03109A	48	1	9	35	Consolidated Translation Survey For November 1960	11/1/1960	289	Approved For Release	3/25/2004